WALLACES' FARMER
and Iowa Homestead

IOWA'S LEADING FARM NEWSPAPER

NOVEMBER 17, 1956

Good place for "surplus"

IT'S CALLED "surplus." Some people shake their heads when you mention it. You get the idea that it's a "bad" thing.

But 250,000 Iowa youngsters don't seem to mind. Thru school hot lunch programs, they're eating surplus foods. And the stuff tastes pretty good!

Among surplus commodities being distributed this month to Iowa schools are fresh turkey, fresh cabbage, frozen hamburger, flour, corn meal and canned beans and tomatoes.

Previous shipments in the fall included butter, cheese, dried milk, shell eggs, dried beans, canned pork and concentrated orange juice. Added to that, the school milk program encourages youngsters to drink more milk.

Photos on this page were made at the Rowan Consolidated School in Wright county, Iowa.

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Great New Line of CASE® Spreaders

Only CASE® Dares to Make This Demonstration Offer!

Now you can have a manure spreader demonstration right on your own farm. All you do is to call up your Case dealer.

Nobody ever dared to make such an offer before! And Case can do it now only because of the extra strength and quality of the new Case spreaders.

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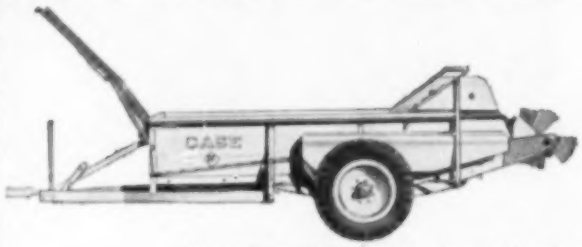
Pick up the phone now. Ask your Case dealer to bring out a Case spreader and power loader to your farm. Ask about the flexible Case Crop-Way Purchase Plan, too.

New 75-Bushel. Both ground-drive models have an adjustable slanting arch. Also heavy steel axles with exclusive center bearing to limit flexing.



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WALLACES' FARMER AND IOWA HOMESTEAD. November 17, 1956 (Vol. 81, No. 22). Published first and third Saturdays of each month by the James M. Pierce Corporation, Des Moines, Iowa. Subscription price, one year for one dollar. Entered as second-class matter October 19, 1929, at the post office in Des Moines, Iowa, under the act of March 3, 1879. Copyright, 1956, by the James M. Pierce Corporation.

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They're out to save you hours and dollars on any farm hauling job . . . and they've got big new power plus the modern features that make it a sure thing! They put you way ahead with time- and work-saving advantages you won't find in any other truck today!

There's bold new styling—rugged good looks to match Chevy's remarkable stamina and dependability. There's new fleet-action power in Chevy's outstanding engine line-up of modern short-stroke V8's and economy-leader 6's! And you get a cabful of modern conveniences—concealed Safety Steps, High-Level ventilation, locking dispatch box and new deep hub steering wheel are all standard. Important Pickup model features include a grain-tight tailgate and flat-ledge side panels. Get the full story from your Chevy dealer. . . . Chevrolet Division of General Motors, Detroit 2, Michigan.

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INSIDE STUFF

DON'T THINK the accident season is over just because we've finished corn husking. Watch out for those icy roads.

IF YOU VOTE "Yes" in the corn referendum, you vote to let the corn loan be set "at such levels as the secretary of agriculture determines."

LOWER THE driver's seat in an auto, and you limit his vision. New low cars are forcing the Iowa Highway Commission to lengthen yellow "no passing" lines.

FAMILIAR Old Testament names are in the news these days. There was fighting in Palestine 8,000 years ago, when Jericho was first stormed and burned.

THAT IS what archeologists tell us. The Israelites came in much later. Water supply made Jericho a prize then. Today water is as important as oil in the Middle East.

ATOMIC POWER plant is now supplying electricity to civilians in England. This Calder Hall plant is the first atomic power plant in the world.

ENGLAND NEEDS it badly. Coal is running short. Oil supply is hazardous. The U. S. has more time. But by 1965, oil supplies may be down so we'll need atomic power here.

AFTER ELECTION, it may soothe some folks to recall that one historian said 1956 had the best pair of presidential candidates since 1912. That year Hughes and Wilson were the candidates.

HOW MANY millions were spent on the 1956 election? In 1952, the estimate was 880 million. This year it's more.

THEODORE ROOSEVELT was right when he called for federal help in financing elections. Otherwise the candidate with the biggest purse has the advantage.

COLLEGE FOOTBALL players ought to strike for union hours and pay. And no studies. Now most big college operate second rate professional teams.

A FARM WOMAN in Kossuth county, Iowa, says: "Our neighbors are so good. With my husband in the hospital, they took care of the bean harvest and are also picking the corn."

AT OUR PLACE, the hazel brush provides the most beautiful fall coloring. The squirrels take the nuts, but we get to look at the leaves.

DONALD R. MURPHY

WALLACES' FARMER AND IOWA HOMESTEAD
"GOOD FARMING, CLEAR THINKING, RIGHT LIVING"
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Up to 35 lbs.	1.5 milligrams *daily* per pound of body weight	100 grams
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To the hundreds of sponsoring MM Dealers; to the many community leaders who helped plan the Uni-Farmorama shows; and most of all, to the tens of thousands of Iowa farm families who made Uni-Farmorama such a spectacular success; a hearty "thanks!" from the entire MM organization!

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S-4025

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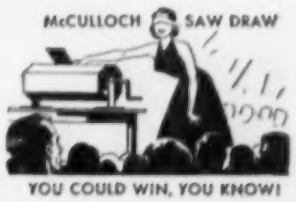

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It's *false economy* to gamble hog profits against the possible losses resulting from hog cholera.

The *few* dollars you invest in ROVAC® Hog Cholera Vaccine will mean *many* dollars of extra profits because of *more pigs saved . . . more pigs marketed.*

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Subsoiling...

...will it pay?

So far, there's no cut and dried answer. Many farm folks say, "Yes." And they base their answer on practical experience. Yet, lack of favorable results at Corn Belt experiment stations serves as a "Go slow" warning.

SUBSOILING—or deep tillage—refers to shattering the soil to a depth of 18 to 24 inches.

This is usually done with a long steel finger attached to the drawbar of a heavy tractor. Field cultivators can get to the shallow range of this depth by making several passes over the field.

The theory of subsoiling looks good at first glance. It would seem to (1) shatter any plow pan layer, (2) let more water soak into the soil, and (3) encourage faster drainage.

But a closer examination shows that these advantages are seldom found under Corn Belt conditions.

For example, specialists have been unable to find a plow pan layer in any Iowa soil. There seems to be good reason. Freezing and thawing action would break up such a layer. And clay particles in Iowa soils are the kind that expand on wetting and shrink on drying.

This accounts for the big cracks that form in dry seasons. And for the closing of soil cracks soon after wetting. So any benefit from subsoiling could not be expected to last.

As for more water intake, the surface of many western Iowa soils limits the amount of intake. Here, shallow tillage which leaves crop residues on the surface may do just as much good as subsoiling. And for a lot less cost.

There's reason to question faster drainage, too. Southern Iowa soils have their maximum clay content at depths of 20 to 40 inches. Thus, the real restriction to drainage is below subsoiling depth.

In general, experiment station results have failed to show much in the way of favorable results from subsoiling.

Iowa workers say, "The 1956 results show no particular benefit from subsoiling. In some cases, yields decreased. Deep application of phosphate just about cancelled the yield decrease.

"This one year of results agrees with most tests in other states."

Thru several years of testing, Missouri workers found little benefit from subsoiling. Even when fertilizer and lime were applied all thru the shattered layer, there was little yield increase over full fertilizer treatment in the plow layer. The increase was too small to justify the extra expense.

Illinois workers say, "Take care of the surface, and it won't pay to subsoil." They cite poor soils which produce 100 bushel corn with proper management as an example.

Minnesota, Kansas and Nebraska stations give similar reports.

Yet, Purdue workers did get a small increase in yield from subsoiling where lower soil below the surface was infertile and acid. Adding fertilizer thru the shattered depth boosted corn yields by 20 bushels per acre.

This limited success story is backed up by the experience of a number of reliable farmers—enough that some stations are running additional tests.

A group of top notch Plymouth county farmers are helping keep the Iowa station interested. They have tried subsoiling for several years. And at times, have reported corn yield increases up to 30 bushels per acre.

Herbert Sunderman of Page county, Iowa, did some shallow subsoiling behind his small farm tractor. He subsoils in the fall. And always on the contour.

He says, "I haven't any real proof, but I think it has helped. Looks like it ought to work. Subsoiling leaves ridges—like little terraces. The surface soil is opened up and crop residues are left on the surface.

Also in Page county, C. E. Winter says, "I've used a deep chisel at times.

"Sometime I hope to have more rain after I've subsoiled. Then maybe I could tell just how much good it can do.

"So far, I think my chisel plow (field cultivator) has helped more. With it, I work the ground 11 to 12 inches deep. Crop residues are worked into the surface. That helps water soak in. And cuts soil erosion, too."

Both Sunderman and Winter believe in subsoiling—enough to do the job on their own farms. Wide awake farmers like this won't keep spending the money to subsoil unless they think it pays.

Going back thru agricultural history, interest in subsoiling has shown up every few years. Yet, there are few places where it has become an established part of the farm operation. That's a pretty good indication that it hasn't paid its way in the past.

Tho there's lots of interest, so far there's no definite answer on whether subsoiling will pay.

Subsoiling takes a lot of power. Cost probably figures out about the same as for plowing.

Some hog farmers, like Elmer Ingwersen of Harrison county, Iowa, (above) keep high-producing sows around for years. This season, he had 10 head farrow their tenth litters bringing their life-time total above 1,000 pigs. One had a litter of 17 head.

Editorials...

USDA Buys Pork

THE U. S. Department of Agriculture is back in the pork market to help support hog prices.

First offers were received on November 8, involving canned pork luncheon meat processed from shoulders, hams or loins; canned hams and canned pork and gravy from loins and hams. These products will be distributed for direct consumption, beginning in December under school lunch programs and other eligible outlets.

In total scope and type of product, this new program is about the same as that conducted last winter. Apparently, tho, the contracting packers again will not be required to show that they paid the producer at least some agreed minimum price.

Job Gets Harder

IT'S GOING to be harder than ever to keep feed production from getting out of line with requirements.

Last week, the crops people at Iowa State College disclosed that the grain sorghum in their tests this year outyielded corn by a wide margin.

This means, of course, that when farmers merely shift land out of corn into sorghum, their contribution to production adjustment may be even less than zero.

Corn Area Expands

MIDWEST farmers were surprised recently when the 53 counties were added to the commercial corn area. This brought the total to 893 counties in 24 states.

Some of the newcomers are located on the north and west sides of the Corn Belt; others are in the south.

Why was it necessary to add them, and thus enlarge the number of producers among whom the national corn acreage base will be divided? The answer is that their latest 10-year production average now stands at 450 bushels per farm or at four bushels per acre of farm land in the county.

In some areas the production rise has been due to irrigation; in others to the use of hybrid seed or other improved production method. It has taken longer to develop suitable hybrids in the South and some states have only recently passed the half-way mark. Total southern acreage, however, is below the 10 year average.

Mum On Corn Vote

WITHIN a month—probably on about December 11—corn farmers must decide in a national referendum whether to go on with the program they had in 1956 or to return to acreage allotments.

As this was written, however, they still had very little information on which to base a decision. Altho pressed by several farm groups, Secretary Benson refused before election to tell farmers what he would offer.

Before a farmer can make a choice, he needs to know what the support level would be under each program, the size of the corn allotment in case it is in effect in 1957, and the soil bank payment rates.

Some of the Iowa Farm Bureau people are inclined to think farmers would be better off under a continuation of the program in effect this year. Other groups, tho, say this would be the case only if Benson avoids setting the support rate unduly low.

Shooting With Words

FARMERS who voted against Ike because of Secretary Benson now feel a little like the bear hunter who has just fired his last shot. In a way, they feel even more helpless because they can't reload—with votes—until 1960.

Then there are the farmers who favored Ike without intending that their votes should be taken as an endorsement of Benson. Nonetheless, the president's sweeping victory is widely regarded as just such a ratification.

After all, Benson campaigned very aggressively with Ike's full approval.

With Benson presumably in charge of the Department of Agriculture for four more years, what may farmers now expect?

Grapevine reports out of Washington indicate that Benson in 1957 will rely mostly on the soil bank and export subsidies to help agriculture. And that he will set the price supports so as to influence a "yes" vote in the corn referendum.

It is feared, tho, that he may not make the soil bank offer sufficient to obtain needed compliance. Almost all commercial growers should participate for the next three years, for example, to get the corn carry-over down to the suggested minimum of 500 million bushels.

The most disturbing thing about Benson is his apparent belief that the soil bank will be needed only temporarily to work off the government's stocks. At the end of that time, farmers would be expected to shift for themselves.

Meantime, however, he is pledged to push research and sales promotion in the hope of enlarging consumption and industrial usage. Unfortunately, this outlook is darkened by Benson's opposition to the food stamp plan.

So all in all, unless Congress intervenes decisively, we may expect a tapering-off in federal assistance to agriculture. Farmers will be told to think up self-help schemes and to adjust their production voluntarily in accordance with the government's demand forecasts. Yet we only need to look around at the current oversupply of turkeys, broilers and potatoes to see how poorly this system works.

Just the same, there is a considerable number of farmers who would like to have the government withdraw entirely from agriculture. If Benson has a completely free hand, they just might have a chance to try this experiment. They just might also find it's a little like a football game without referees.

Very probably, a further reduction in number of farmers will be encouraged. Or at least until it is discovered that the survivors, with more "efficient" methods, overshoot the market, too.

With the election safely past, will Benson listen to outside suggestions? Only time can tell. All last winter, he disregarded nearly everyone except the Farm Bureau.

Of course, there is also the Congress, again under control of the opposition in both houses. Anti-Benson voters can take some comfort from that. However, both parties include city representatives who take a dim view of farm legislation unless thoroly persuaded by almost unanswerable logic.

That word "persuaded" suggests the method farmers may have to stress more in the future. They are too few in number now to depend on bear guns. They will have to learn to persuade with words alone. I have seen this sort of thing done very ably by disadvantaged nations in international negotiations. I'm afraid the time has come when farmers will have to learn how to do it, too.

—Art Thompson

Hogs And Grading

HAVE YOU sold hogs on a grade basis? If so, were you satisfied?

Poll takers for Wallaces' Farmer and Iowa Homestead recently asked these questions while calling on farmers.

About 11 percent of those interviewed said they had tried this method of selling. As expected, the practice was greatest among producers who raised 75 head or more per year. In some neighborhoods, of course, the buyers aren't yet offering meat hog premiums.

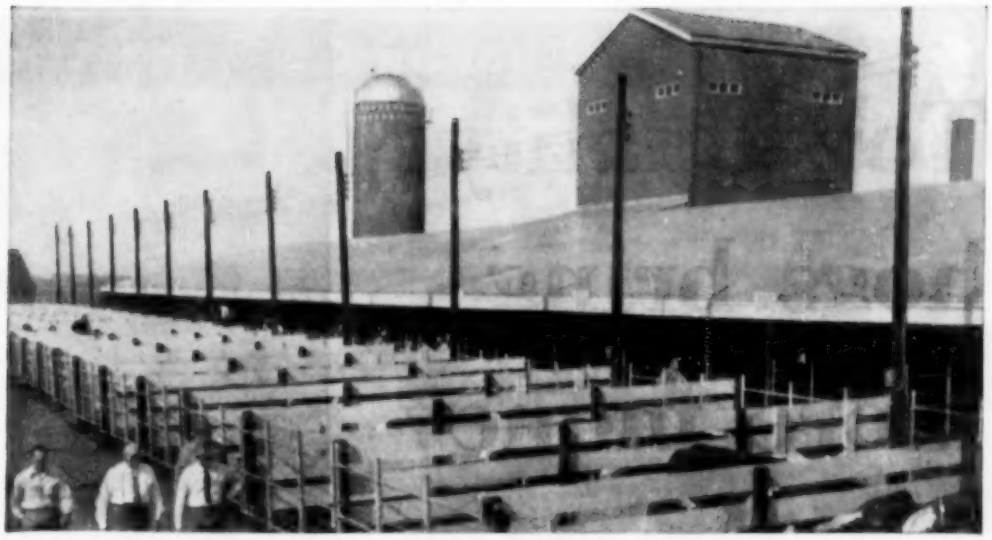
Among those who had done some selling on grade, about 62 percent were satisfied. The others said they preferred not to sell that way.

Reasons for this dissatisfaction varied. One man thought he had meat-type hogs and was disappointed with the returns which showed otherwise. Another didn't think the premium payment was large enough.

As pointed out by Sam Thompson of Iowa State College in the article on page 14, there are two ways of selling on grade. You can request a sort-out by the local buyer and take a fixed premium per 100 pounds of live weight. Or you can consign the hogs for later settlement on the basis of their carcass turn-out.

According to our poll results, about two-thirds of those selling on grade have chosen the carcass-turnout.

How many farmers would like to try selling on grade for the first time? About 32 percent told us they would. A little less than 28 percent said no, and about 40 percent weren't sure.



New cattle shed and pens at the Iowa State College experimental farm near Ames, Iowa. Photo was taken during the recent Feeders Day program.

Odds and Ends . . .

. . . PROSPERITY note: A Dallas, Tex., department store is offering Christmas buyers a jewel-loaded toy tiger, priced at $1 million.

. . . WHO EATS most lamb and mutton in the United States? In 1954, almost 50 percent of this type of meat went to the northeastern states.

. . . IN SPOKANE, Wash., a department store pays its employees a bounty of $1.25 for each acceptable charge customer they bring in. There's no offer on cash buyers.

. . . SINCE mid-1955 interest rates have been raised repeatedly by the central banks of leading foreign countries. These rates in many cases equal or exceed their highest level since World War II or even the early '30's. Economic boom and accompanying inflation account for the boosts.

. . . CONSUMER debt of all types now stands at the record level of about $40 billion.

. . . A CITIZENS' committee, headed by Ben Fairless, retired head of United States Steel, has been named by President Eisenhower to review the federal government's foreign-aid programs.

. . . RAILROAD COMPANIES have asked the Interstate Commerce Commission for an immediate seven percent increase in freight rates to meet what they call "an acute financial situation." A six percent rate boost was granted last March.

. . . PRICES are not made in Washington? On November 1, after President Eisenhower stated that the United States would keep clear of the hostilities in Egypt, leading issues on the New York stock market bounded upward as much as $4 per share.

. . . ARE YOU one of those who still thinks potatoes are only eaten boiled, fried or baked? You could be wrong. In 1954, Americans ate 454 million pounds of potato chips for which they paid $250 million. That's a national average per capita consumption of nearly three pounds.

. . . JACOB K. JAVITS, newly-elected Republican senator for New York, said during the recent campaign that past price support policies were "a disservice to farmers and consumers alike, and especially to farmers in New York state." Jarvis apparently wants lower-priced middlewestern grain for eastern dairymen.

. . . "FARMERS want and need to make full use of their farms. Acreage restrictions can be very damaging. Farmers want to produce to capacity—and that usually enables them to get low cost production."—True D. Morse, U. S. Undersecretary of Agriculture at Baltimore, Md. And maybe ruinously low market prices, too!

Song of the Lazy Farmer

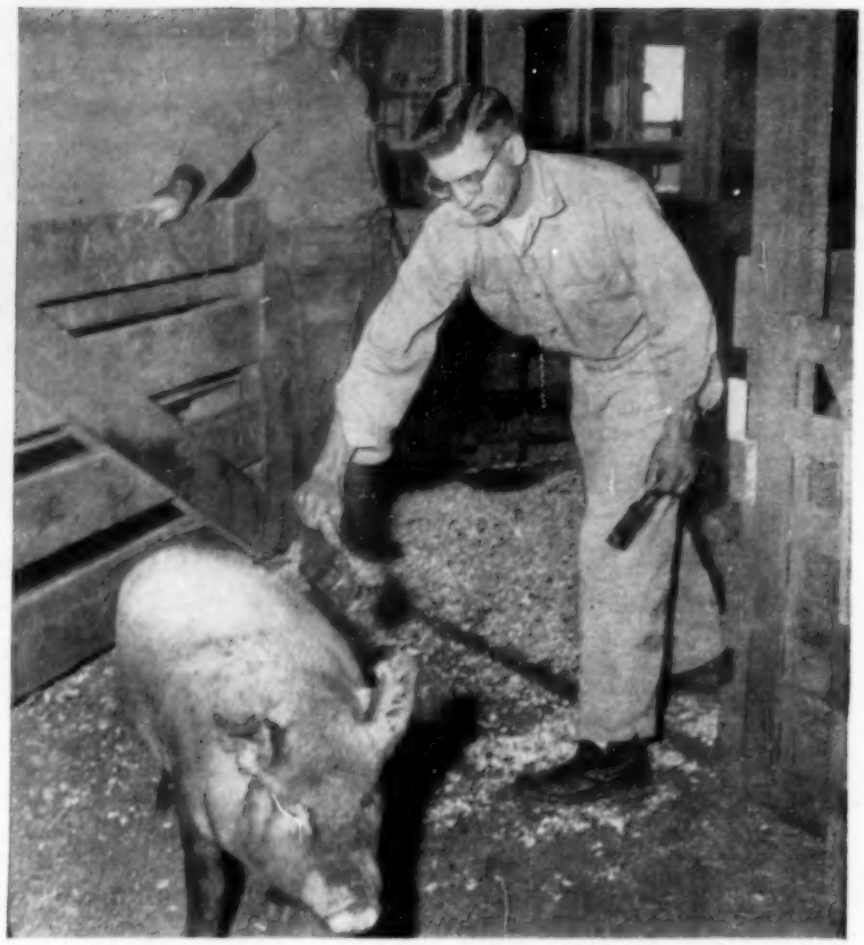
MY NEIGHBOR thinks that I'm a fool because my wife ain't teaching school or toiling in some other way to earn a little extra pay. What with the cost-price squeeze we're in, says neighbor, I could not begin to pay off all my bills and notes by raising crops like corn and oats, my mortgage wouldn't shrink a bit with only livestock lifting it. So neighbor put his wife to work in town, where she's a groc'ry clerk; she earns no great big salary but it is steady as can be, and neighbor says, with happy grin, that weekly cash has saved his hide.

But I would not be overjoyed if my Mirandy were employed; 'twould have advantages, that's true, but there would be some drawbacks, too. A steady income, I'll admit, would not hurt us a single bit, and having her away would be a mighty welcome change for me. The trouble is, there'd be no way for her to work in town each day and still have time to plant and plow, to feed the pigs and milk the cow. So if she got a job, I fear I'd have to do the labor here; and worst of all, I've got a hunch I'd even have to fix her lunch.

Top quality hogs bring more money

More farmers now have chance to sell meat-type animals on grade-and-yield basis

by **Sam H. Thompson**



Hogs consigned to a packing plant for sale on grade and yield are tattooed for identification at time of weighing. Here Wally Mitchell, Hormel buyer at Dayton, Iowa, slaps the tattooing head across the shoulders of a hog delivered by John Shepard (in background). Shepard sold 275 head of hogs from mid-July to mid-August, realizing an average premium of $1.23 per hundredweight above market price. The deliveries dressed out at 72.44 percent of live weight, compared with the standard of 69.11.

AT LONG last, farmers over much of Iowa are now able to get a premium for hogs that yield a superior carcass. They have waited a long time for this privilege.

Live hog classes and grades were first announced by the U. S. Department of Agriculture in 1918. Tentative standards for carcasses and fresh pork cuts were set up in 1931. But definite official standards, describing pork quality and the desirable proportion of lean to fat in cuts, were not set up until September, 1952. And with few exceptions until recently, meat packers paid little attention to anything except weight in evaluating live hogs.

Two developments in recent years have been responsible in large part for the inauguration of buying and selling hogs on the carcass quality.

First, demand for pork fat (lard) dropped in value compared to meat.

Second, it was found possible thru breeding and feeding research to produce meat-type hogs on an economical basis.

Such hogs have a backfat thickness of from 1.2 to 1.5 inches. About one-half of their carcass weight is found in the four so-called lean cuts, that is, skinned ham, closely-trimmed loin, Boston butt (shoulder) and picnic (front leg).

How much do the different packers and public stockyard buyers pay in the way of a meat-type premium?

In the case of public stockyards, it is difficult to answer the question because the bids within a weight range usually are blended together in the market report.

However, at one terminal stockyards recently, it was indicated that spread in the bids on grade basis for 200-220 pound hogs amounted to $1.25 per hundred. At two other yards, the range appeared to be about 75 cents per hundred.

In most cases, the differential bidding is based on the three official live hog grades: No. 1, Meat-type; No. 2, Average finish; No. 3, Overfat.

At some packing plants which offer premium for live meat-type hogs, the bid for the day commonly is based on No. 2 hogs. An additional 40 to 50 cents per hundred then is added in the settlement on hogs which the buyers sorts out as desirable meat-type.

At the same time, depending on how plentiful hogs are, the over-fat barrows and gilts may be discounted as much as 40 cents per hundredweight.

On one day in late summer, six of the packers operating in Iowa were basing their bids on No. 3 hogs. One of them then offered up to an additional 50 cents per hundredweight for No. 2 hogs and from 50 cents to $1 per hundred for No. 1's.

Another packer, however, was not offering a premium citing past experience which had shown lean cuts of so-called meat hogs often contained large amounts of internal fat.

To what extent are packing plant bids lowered when delivery is taken at a local loading station some distance away? In a recent check on this, three packers were found to be paying 25 cents per hundred more for hogs brought to the plant. In three other cases, the bid at the plant door was higher by an amount representing the representative cost of transporting the hogs from the sellers' station. Three other packers were quoting only prices for hogs delivered to the plant.

Suppose you question whether the buyer is fully capable of picking out all the No. 1's in your drove. Can you ask for settlement on the basis of grade and yield, that is, on how well the hogs actually dress out? Yes, this is possible now in the case of four interior Iowa packers. Six major interior packers do not buy on this basis.

Two of the packers who accept hogs, subject to dressed value, divide the resulting carcasses into four grades. One such packer recognizes three grades, the fourth packer has worked out six grades, altho he sometimes makes only three separations for convenience.

Four years ago, a fifth packer attempted purchases on a grade and yield basis but subsequently abandoned it. Now, the firm is attempting to develop it again.

Packers who have attempted purchases on a grade and yield basis found that the method required considerable study and practice. A shift to the system also involved considerable expenditure.

Then there is the problem also of buying over-fat barrows and gilts on their true merits, that is, at some discount below average finish hogs. Everybody likes more money for good barrows and gilts, but lower prices for inferior animals are not so enthusiastically accepted.

On these accounts development of the trading method likely will be slow. Yet while the proportion of barrows and gilts now sold for premiums is still relatively small, it may be expected to expand.

Editor's note: This is the first of a series of articles on present-day hog marketing practices in the Corn Belt.

Scientific MYZON Formula In Drinking Water

STOPS LAYING SLUMPS FAST

WHEN BIRDS ARE OFF-FEED WITH COLDS FROM CHRONIC RESPIRATORY DISEASE (Air Sac), NON-SPECIFIC ENTERITIS, BLUE COMB, RICKETS

You Don't Change Feed!

GOES IN DRINKING WATER

Thus Sick Birds That Won't Eat Now Drink Their Way To Fast Recovery

Like humans most birds stop eating when sick and feverish-looking. But they *don't* stop drinking; they usually *drink more!* That's why MYZON'S exclusive formula in drinking water proves so effective! Sick birds drink and drink, quickly getting MYZON's wonder-working ingredients they *need* to fight these diseases, to *hurry* them back to higher egg production, to *build* them into sturdier birds!

PART OF THE SECRET

Exclusive Myzon Formula Contains RQ-14, Exclusive Combination Developed After Science Reports: "Antibiotics Alone Are Not Enough"

Yes, amazing new MYZON POULTRY BUILDER — developed after many months of hard, patient research is entirely different from anything else you've seen or heard about! MYZON POULTRY BUILDER is *more* than an antibiotic preparation to fight disease germs. For, wonderful as antibiotics are in over-coming disease, other elements are needed to rebuild health. From MYZON your birds get necessary ingredients to promote better appetite; resistance to disease; to build bone structure; to hurry growth, produce red-blood cells; to help prevent Rickets, thin-shelled eggs; to improve feathering and often hatchability when there are vitamin deficiencies—and to get you *extra eggs!* Rigid tests (under normal farm conditions) prove MYZON does everything promised! Accept no substitute. Look for the name "MYZON" on the label! Then get MYZON POULTRY BUILDER TODAY!

Although Individual Experience May Vary, You Must Be 100% Satisfied With Your Very First Package of MYZON or Your Money Refunded.

MYZON SWINE BUILDER STOPS PIG SETBACKS!

Due to Scours, Necro, Shipping Fever, Nutritional Anemia, Fights Bacterial Pneumonia

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Speeds Up Backward Hogs, Pigs

GETS PIGS "GOING AGAIN—GAINING AGAIN." Just released from the laboratory after many months of patient testing, this great new scientific triumph not only helps STOP INFECTIOUS SCOURS, NECRO, faster, but, even more important, it gives pigs the strength and resistance to help keep Scours from coming back. Best of all, MYZON SWINE BUILDER keeps pigs gaining fast. Instead of losing weight because of these diseases, pigs recover quicker and gain weight faster. MYZON SWINE BUILDER comes to you in a highly concentrated form. Water-dispersible—you simply put it in drinking water. That's all the directions needed! When sick and feverish, most pigs stop eating, but they actually drink MORE—quickly getting lots of MYZON'S exclusive, high-potency formula right to the stomach and intestines, right to the cause of the trouble—to take charge of these disease germs and to help keep pigs gaining weight. NOW FOR THE FIRST TIME A LOW-COST WAY TO SPEED UP BACKWARD OLDER HOGS. TO KEEP EVEN SICK PIGS EATING AND GAINING WEIGHT. Get MYZON SWINE BUILDER from your dealer today! Keep on hand ready for emergencies.

Read What Amazed Users Say About Myzon Swine Builder

SCOURS STOPPED IN TWO DAYS

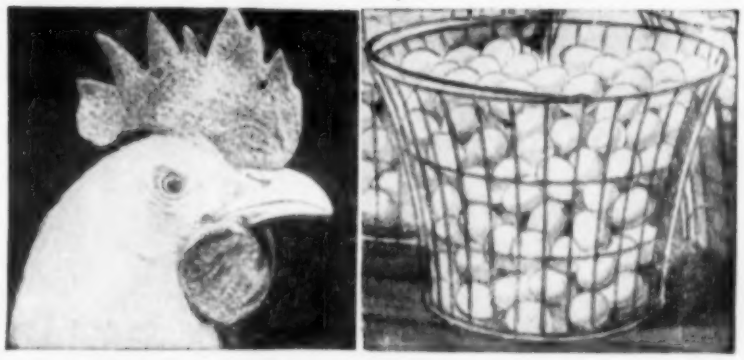
"My pigs weighed about 30 lbs. and had scours. I fed Myzon Swine Builder for four days. The scours seemed to be stopped at the end of two days. At the end of the four day period these pigs were eating good and healthy again. Myzon not only stopped the scours but it got these pigs eating and gaining more again in short order."

Harry Mayer,
Humboldt, Nebraska

NO MORE SIGNS OF SCOURS, THANKS TO SWINE BUILDER

"In regard to your Swine Builder, I had scours in my pigs. I went and got Swine Builder and it sure did a wonderful job, no more signs of scours thanks to Swine Builder. I highly recommend Swine Builder."

A. E. Duit,
Iowa Falls, Iowa



Keeps Egg Production Higher Right Thru Damp, Changing Fall Weather Costs Only Pennies A Day

NOW GET EXTRA EGGS EVERY MONTH THIS SCIENTIFIC WAY

For the price of about one egg a bird, a month, you can stop these costly laying slumps

You may not know it, but every month you may be losing worthwhile profits because of these LAYING SLUMPS. Worse yet, you may have the mistaken idea there's nothing you can do about it.

But *now* you can get those *extra* eggs that are ordinarily lost to these diseases that often accompany cold, damp weather. *Now* you can give your birds the amazing new scientific MYZON FORMULA they need to help ward off these laying slumps that cause heart-breaking losses — right in the drinking water, *without* changing feed.

Goes to Work in Minutes

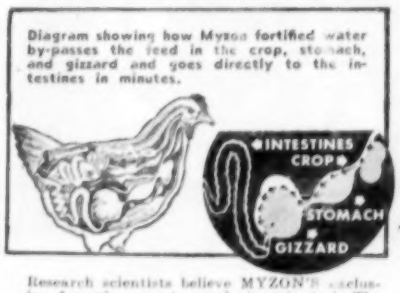


Diagram showing how Myzon fortified water by-passes the feed in the crop, stomach, and gizzard and goes directly to the intestines in minutes.

Research scientists believe MYZON'S exclusive formula goes to work in *minutes!* The reason? MYZON POULTRY BUILDER is carried by the drinking water (rather than feed). Thus most MYZON by-passes the feed in the stomach, crop, gizzard, to go *direct* to the intestinal tract where it is absorbed and promptly carried to all parts of the body! No wonder then MYZON works so fast—so quickly wards off the diseases listed above.

Now Scientists Say That Many Laying Slumps Are Due to Chronic Respiratory Diseases

that often accompany changing weather conditions. For only a few cents a month per bird you can help get those extra eggs that are lost to Colds due to Chronic Respiratory Disease, Non-Specific Enteritis, Blue Comb.

MYZON POULTRY BUILDER Helps Prevent and Treat

Colds due to Chronic Respiratory Diseases (Air Sac) Rickets, Non-Specific Enteritis, Blue Comb, Bone Weakness, Thin Shelled Eggs, Poor Feathering, Scaly Skins, Anemia, when there are vitamin deficiencies.

EGG PRODUCTION JUMPS FROM 8 TO 90 PER DAY

"When I started using Myzon last fall my pullets had awful colds and were just laying 8 eggs a day. I got Myzon and treated for sick birds and it sure did the job in a hurry. Before long they were better and laying from 75 to 90 eggs a day."

Mrs. Arthur Bell, Bowen, Illinois

MYZON STOPPED THE COLDS . . . SOON GETTING 120 EGGS FROM 150 HENS

"I started feeding Myzon when my birds had caught cold and gone way down in production. Myzon Poultry Builder stopped the colds and we were soon getting 120 eggs from our 150 hens. Since then I have been using it all the time and have found that the hens stay healthy and I don't have the problems I had in past years."

Carl Nietnestein, Emerald, Nebraska

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Young farmers can choose . . .

. . . Cash or accrual income tax filing
. . . others may have choice on corn loans

IF YOU'RE a young farmer and will file your first income tax return next spring, you have choices to make as to methods of filing.

Beginning farmers of any age have the same choices.

Choices relate to cash and accrual bookkeeping, handling of corn loans and some others. Let's consider the two mentioned.

Should you use the cash receipts and disbursements method of figuring income? or the accrual (inventory) method?

Your choice is important because when one is adopted you can't change without consent of tax officials. So let's see what the two methods are. Then consider advantages of each.

Under the cash receipts method, your income is figured by subtracting expenses paid during the year from actual cash receipts.

With that system, you wouldn't report corn raised this year if not sold until after January 1. Cash from the corn would be reported in the year sold.

And if you didn't pay for custom combining until after January 1, the cost would not be deductible against income for the year. It would be deductible next year or in the year paid.

The rule is, report income or expenses in the tax year that the money or other thing of value changes hands.

Under the accrual method, crop or livestock values are income whether sold or not. They turn up either as cash received or goods on hand.

The cost of combining, or any other expense contracted is deductible whether paid during the year or not.

Now what are the advantages of each system for reporting farm income?

The cash method calls for a little less bookkeeping. All you have to write down is money received and money paid out.

And the cash method offers you the opportunity of shifting income from one year to another. That's done by making sales or paying expenses before or after January 1.

Reporting sales of raised dairy and breeding stock to get benefits of the capital assets rule is less complicated under cash receipts reporting. And may produce more tax savings.

Now let's look at the accrual method. It evens income out over the years. Shifting of sales around January 1 makes no difference in your taxable income. Taxes are saved by keeping income even one year with another.

You can sell grain or livestock when you think markets are favorable rather than according to tax effects.

And the extra information from the inventory method is worth something in the management of your farm business.

So for those who don't mind a little bookkeeping, the accrual method seems preferable. The difference in book work is really small. You have to make an inventory of crops and livestock once a year. And keep a record of bills payable and receivable. Those who pay cash find almost no difference.

There is also a choice of methods when grain is sealed for government loans. This applies to beginning farmers and also to those who seal grain for the first time.

When grain is sealed, beginners can report the loan as income when received. Or they can adopt the method of reporting the grain income when the grain is turned over to the government or redeemed and sold thru livestock or for cash.

In this case, the cash basis taxpayer may fare best if he reports the loans as income when received. It's a little less likely that two crops will have to be reported in the same year.

It makes no difference to the accrual basis taxpayer. He will report the corn as inventory if the loan is not reported in cash.

Another choice offered beginning farmers is between reporting income for the calendar year or a fiscal year. March 1 to March 1 is preferred by some because it more nearly fits the crop year.

The taxes you'll have to pay over a term of years will not be greatly different no matter which choices you make. Each has advantages in certain cases. It's mostly a question of which you prefer.

* * * * * * * *

Revised Farm Record Book Coming

Wallaces' Farmer and Iowa Homestead will again offer a farm record book designed to help farmers with income tax problems. It's being revised now to cover changes in income tax law and regulations. The book will be ready well ahead of the new year. Watch for further description in following issues of this paper.

FREE

ONE TUBE OF TARGOT®
MASTITIS OINTMENT

with each five purchased

Right now your dealer is making a *special offer* that will help you blast mastitis—and save you money at the same time!

He will give you one free tube of TARGOT with each five tubes you purchase.

This offer is limited so get your supply of TARGOT today to have on hand for immediate use when your strip cup says "Mastitis."

Most mastitis "flare-ups" occur from now on when cows are freshening and are back in the stanchions for the winter months.

Many good dairymen who have one or two cows with a tendency toward mastitis infuse each quarter with TARGOT while the cow is dry as a valuable precaution.

This special FREE TARGOT offer is being featured by your veterinarian, druggist or feed dealer *right now.* Get yours today.

TARGOT contains 4 powerful antibiotics to fight mastitis-causing organisms – wonder-working *AUREOMYCIN*® Chlortetracycline, Penicillin, Neomycin and Dihydrostreptomycin.

TARGOT is stronger – but gentle.

TARGOT helps save udder tissue and gets the cow back on the milking line faster.

Get yours and save while this limited offer is in effect!

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THERE'S NOTHING ELSE like Gland-O-Lac's famous **PIG TEE** . . . . the **ORIGINAL** liquid hog wormer for use in drinking water. It's so popular we've never been able to meet the demand . . . . but now, ample supplies are available at a **NEW LOW PRICE.** See your Gland-O-Lac dealer today.

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Every dollar you spend intelligently on HUDSON Lektrik-Air® Ventilation in your barns, chicken houses and hog houses can give you ten in increased income and lowered cost of building upkeep!

That's because this *proven* electric ventilation system drives unwanted moisture and fumes out of farm buildings and brings in fresh, dry, invigorating air. Livestock thrive, increase production, live happily longer! Buildings are saved from rot; metal equipment is less likely to rust. Your replacement costs are cut way down!

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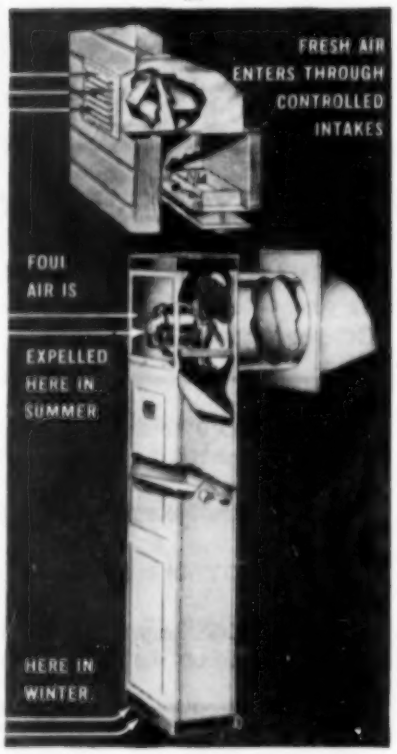

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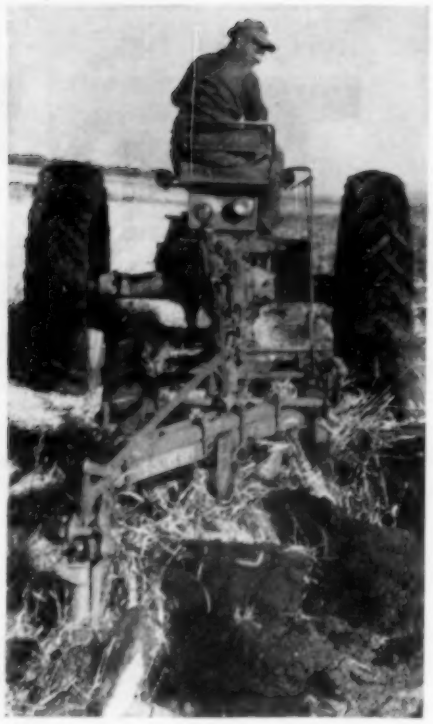


Fall plowing gets the nod from Rusty Sorenson of Shelby county, Iowa.

Plow in fall or spring?

Poll shows an almost even split on question among Iowa farmers

WHICH makes better corn yields on your farm in the usual season—fall plowing or spring plowing?

The Wallace-Homestead Poll put the question to a cross-section of farmers from all over Iowa last month. Here's how they answered:

Fall plowing	53%
Spring plowing	47

Pretty close! The poll, however, does not show variation in opinions according to areas of the state. Northern Iowa farmers, for example, usually look upon fall plowing with greater favor than folks in the southern part of the state.

Farmers who have land that's subject to erosion tend to do less fall plowing. Those who have drainage problems and shorter growing seasons like fall plowing because it often permits earlier planting.

Comments indicated that recent dry seasons may have shaken some farmers' faith in fall plowing.

For example, a young farmer in Greene county commented: "My father always fall plowed. But I have been spring plowing. I find the ground does not blow so badly. And it holds moisture better."

And a renter in bone-dry Story county reported: "It depends on the year. Spring plowing has done best in the last two years."

Even up in Winneshiek county, one man who voted for fall plowing admitted: "There are exceptions. Some years, spring plowing is better."

Typical southern Iowa comment was this remark from a veteran farmer in Taylor county: "We don't fall plow," he declared flatly. "If you have a wet season, the ground washes. Or in a dry season like this one, it blows."

And a young Wayne county farmer replied: "On our farm, we have to choose spring plowing because the soil is sandy. We get better yields if we plow just before planting — rather than leaving the ground to dry out."

In Webster county, one experienced farmer explained: "Not only does fall plowing leave the fields in better shape, but we're mighty glad to have the plowing done when good weather arrives in the spring."

A lot of farmers will agree with the last part of that statement. It's good to get the work behind you.

Maybe that's why some farmers who think spring plowing is best still do some fall plowing. Answers to another question indicated that about 60 percent of Iowa's farmers do at least part of their plowing in the fall.

The Wallace-Homestead Poll asked: "What percent of your corn land do you usually aim to plow in the fall?"

Here's how answers looked:

None	38%
25-50 percent	21
50-75 percent	16
75-100 percent	25

You'll note that only one-fourth of the farmers questioned usually plan to do all of their plowing in the fall. While a larger proportion plan to do no fall plowing at all.

Looks as tho there'll be a lot of ground to turn over next spring. And with dry weather this fall, farmers may have more spring plowing to do than they had counted on.

"It has been too dry for fall plowing the last two years," a farmer in Wayne county told one Wallace-Homestead interviewer. Most reports indicate that fall plowing has been running behind schedule this fall as a result of the weather.

Outside stuff

YOU see a good many new homes being built on Iowa farms as you drive across the state. I can't recall a single day's drive in which I haven't noted at least one.

On a mid-summer trip thru southern Iowa, I noticed five recently or partially completed new farm homes within 100 miles. And I wasn't putting any special emphasis on finding them.

Despite some gloom in the farm situation, it's apparent that some folks have made some money—or are hoping to make some.

That's good. New housing areas have been booming like mad in most cities. And it's nice to see that some farm folks can enjoy modern, comfortable homes.

• • •

"BEST two days of work for the summer!" That's how Bob Harris and John Myers of Warren county, Iowa, appraised the time they spent last spring in setting up a "wheel-type" pasture feeding arrangement for their hogs.

Harris and Myers fenced their temporary hog pasture into pie shapes—a lane leading to waterers and self feeders at the center of the field. The arrangement saved time in caring for hogs.

• • •

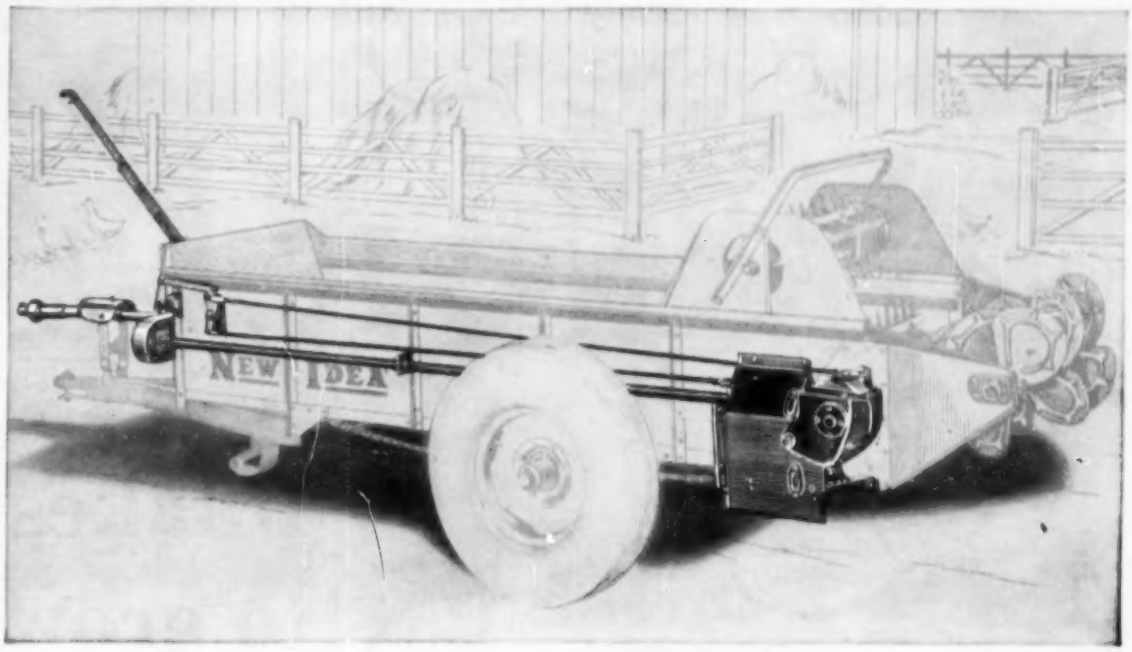
"I FEEL a little guilty about that piece of corn," George Nelson of Cherokee county, Iowa, confessed as we drove across his farm. "We cultivated it only once."

Lots of farmers have told me the same thing—in one way or another. Weeds didn't come as fast as usual in dry weather of May and June. So there was no point in exposing moist dirt to sun and wind.

Nelson now figures that he is ahead by not cultivating his corn the usual number of times. The field remained relatively weed free. But at the time, it was hard to overcome the feeling that he was neglecting the corn.

"Noticed the first touch of fall today. . . . The wife wants a new winter outfit."

Here's the New Idea spreader farmers have been asking for . . .



Ask about this popular size with PTO. NEW IDEA No. 200, 95-bu., also has new clutch, at right, for easy cleanout. Choice of five unloading rates.

Brand New . . . PTO-driven, with clutch for easy cleanout

Newest New Idea spreads it best . . . built tough for longest life . . . easy to hitch, load, clean out

Now, you can get the popular 95-bu. NEW IDEA spreader with PTO and clutch for easy cleanout—plus many other features only available before in the giant 125-bu. model. Remember—this popular size spreader is now available in either PTO-driven or ground-driven models.

Rough on manure to spread it best. The new No. 200 has many of the features of the No. 17 and No. 19 to give you the finest shredding and spreading. The U-shaped, blade-like, triple staggered teeth on both cylinders give the No. 200 extremely fine shredding. 10 widespread replaceable paddles with involute curve fling the manure evenly. Slanted upper arch makes loading easier. There's a choice of five unloading rates.

Built tough for longest life. The new No. 200 is guaranteed a full year by NEW IDEA. Yellow pine box is water repellent penta-treated, and hot painted. Full length steel flares and steel endgate take the hard knocks of mechanical loading. Tubular distributor shaft, phenolic bearings for lower cylinder and distributor shaft, and neoprene grease lines are additional reasons why you can depend on the new No. 200 for a long, dependable life. And greater value at trade-in time.

Best idea yet . . . get a New Idea

Easy and safe to handle. Like the new giant No. 19, the No. 200 has many new safety and convenience features. There's a quick latch PTO connection; and PTO shaft is completely shielded. Footed parking stand is adjustable to drawbar height. Feed mechanism is fully shielded for safety and longer life. And the new throw-out clutch makes cleanout a cinch.

See the new No. 200 NEW IDEA spreader at your NEW IDEA dealer's. Or write today for new literature. Be sure to mark the coupon to get the new free booklet on manure handling.

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on missing a single issue of Wallaces' Farmer and Iowa Homestead. If it's time to renew your subscription, get your order in the mail today!

Feeding turkeys are A. K. Stoutner and son, Don. Feed is hauled and elevated into self feeders. The Stoutners live in Washington county, Iowa.

It takes money to grow turkeys

WHEN you stand in a flock of several thousand turkeys, you realize that turkeys are a big business in Iowa.

It takes a lot of money to grow turkeys. But most growers get financial help from feed companies or processors.

"We finance two of three—poults, protein or grain—and give the grower his choice. If he has his own grain he usually chooses to furnish that," says the bookkeeper of an Iowa turkey processing company.

Turkey flocks are large and require large investments.

One Iowa hatchery sold day-old tom poults at $1.05 each and hen poults at 55 cents each.

You have a large investment before you get the poults home. Investment in housing and equipment averages about $3.00 per bird.

One turkey grower in Washington county, Iowa, sold a flock of hens earlier this year for 28½ cents per pound. Total cost of production, including feed, insurance, the poult, bedding, brooding, but not labor and depreciation, was 23.63 cents a pound. This left 4.87 cents a pound for labor and depreciation on building and equipment.

This grower was lucky, however. The price on hens has dropped at least a cent a pound since then. On October 18, one Iowa turkey processing plant was paying 27½ cents for hens and 24 cents a pound for toms.

Production cost on toms is usually less than on hens. One Washington county, Iowa, grower produced toms for 21.29 cents a pound, not including labor and depreciation.

"Sure, I've lost money growing turkeys, but I've made money too," says Clark Gingerich, Iowa county, Iowa. "Out of 22 years in this business, you'd expect to lose money some years. In 1938, we lost 2,000 turkeys from cholera. But modern methods and

(Continued on next page)

Debeaking turkeys is a general practice. Upper beak is cut off by electric debeaker.

Confinement sheds for turkeys shown on the Baxter Freeze farm in Washington county, Iowa. Shed on the right is same size as one on the left. But a turkey laying flock is housed in part of right shed.

Turkeys in confinement

(Continued from previous page)

medicines help prevent such losses now."

Gingerich will produce 12,000 turkeys this year.

Turkey production in Iowa has been increasing for several years.

Baxter Freeze, Washington county, will produce 22,000 this year. He says, "We have a capacity to produce 36,000 and probably will produce that many next year. And if things go as planned, we may produce up to 60,000 the following year."

Herbert Nichols does the work for Freeze on a partnership basis. His pay is based on a percentage of the net profit.

Hen turkeys were confined to a pole-type shed on the Freeze farm. Nicholls says, "Turkey hens have a tendency to roam over the range unless confined. Most average fences won't hold the hens, but the toms are easily held inside a fence."

Don Barkema of Hamilton county, Iowa, has 7,000 toms confined to a pole-type shed. His reasoning is that the hens on range will be ready for market before cold weather, but the toms won't be. And he didn't want to have to move the toms to the shed later.

Turkeys in confinement are easier to care for since water is usually piped to the shed. Feed is easier to handle. And you don't have to chase them out of nearby fields.

A shed to hold 2,500 turkeys costs about $5,000, which adds to your investment.

Don't Be Misled By Backfat

Don't be misled by backfat measurements on boars. Not every boar that shows little backfat in a live probe measurement is meat type.

That warning comes from Dr. Ralph Durham, Iowa State College swine expert.

Evaluation of backfat measurement depends on when the measurement was taken, what the boar had been eating and how fast the boar grew, Durham explains.

Tests show that backfat measurements are reliable only if made when the boar is less than six months old and after he has been on a full feed of corn since he weighed 60 pounds.

The backfat measurement should be made before the boar weighs more than 220 pounds. And before he begins to "rant."

A meat-type boar is a fast-gaining boar with a 200-pound equivalent of no more than 1.2 inches of average backfat thickness at the shoulder, back and loin.

CORN SILAGE for pregnant sows should be high quality and finely chopped. It's recommended that it be fed free-choice, twice daily. Allow each sow 12 to 14 pounds and feed 1.5 pounds daily of high quality protein supplement. Feed sows just enough grain to gain 60 to 75 pounds during gestation.

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Pigs Gain 37% More! — During an experiment at Michigan State University, 28-lb. pigs fed a ration containing 0.98% Calcium and supplemented with 20 p.p.m. Zinc *gained 37% more* than a control lot not fed extra Zinc. During another experiment at Michigan on 26-lb. pigs — a group fed a ration supplemented with HARDY SUPER-TRACE SWINE SALT *gained 27.4% faster* than a group on the same ration without HARDY SUPER-TRACE SWINE SALT. At the University of Minnesota — a parakeratotic pig gained 16 lbs. in two weeks when 20 milligrams of Zinc were added to the ration per pound of feed.

HARDY SUPER-TRACE SWINE SALT Contains 100 Times the amount of Zinc found in the usual Trace Mineral Salt — *enough to prevent parakeratosis in swine of all ages and breeds, where excess Calcium is not fed.* It's your best insurance against losses caused by parakeratosis. HARDY SUPER-TRACE SWINE SALT also contains scientific amounts of the five other trace minerals — *Cobalt, Iodine, Manganese, Iron* and *Copper* — based on the latest available swine growth and reproduction research. It's economical, too. Costs little more than regular Trace Mineral Salt.

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Loading shelled corn is Byron Beeson, Montgomery county, Iowa. Son Alan is with him. Beeson plans to seal corn this year, and will be eligible for the higher loan at $1.47 in his county.

Corn sealing to increase?

With all farmers eligible to get loans, "free corn" could be scarce

WILL corn sealing be unusually heavy this winter? That's a rather important question for corn raisers and livestock feeders.

A large quantity of corn under seal will reduce supplies available for feed. And, of course, improve prospects for winter corn prices.

Available corn supplies and prices will affect supply of hogs a year from now to some extent. If corn is too cheap, in-and-outers will likely get into hog raising again.

So to find out about corn sealing prospects, the Wallace-Homestead Poll asked Iowa farmers this question in October:

"As you see things now, do you figure you'll get a corn loan this winter?" Answers came like this:

Will get corn loan	27%
Will not get loan	58
Not sure	15

Does this indicate strong interest in corn loans? If half of those who are undecided finally get loans, then about 35 percent of farmers would seal corn.

There are no figures on what percent of farmers sealed corn last year. But there were over 80,000 loans covering 102 million bushels of corn.

Thirty-five percent of 192,000 Iowa farmers would be about 67,000 farmers. They could easily equal the 80,000 loans last year since more than one loan is made on many farms (landlord and tenant).

And loans could easily increase over these October farmers' intentions. These factors favor wide use of the sealing program.

Corn loans are available to all farmers at one or the other of two price levels. And corn is very dry for the time of year. Moisture limits will not stop many corn loans.

But on the other side, some farmers who have not been eligible for corn loans lack suitable cribs for sealing corn. And in some counties, drouth cut the crop.

When the results of the poll are considered and when some developments since the poll was taken are given weight, such as $1 corn in some areas, these conclusions seem justified.

Probably about average interest in corn loans was evident in October. Over a fourth of operating farmers were definitely planning to seal corn.

Corn sealing could equal or exceed that of last year if corn prices stay 10 or 15 cents below the lower price level for sealing. (About $1.20 in Iowa.)

Another question about corn loans was asked farmers in October by the Wallace-Homestead Poll:

"If you want to get a corn loan this winter, would you be entitled to a loan at the $1.45 rate (Iowa average) or the $1.20 rate?" Answers were:

$1.45 rate	41%
1.20 rate	45
Not sure	14

If half of the farmers who are not sure as to whether they met corn acreage allotments were in compliance, then about 48 percent of farmers are eligible for the higher loan.

Farmers who can get the higher loan are more likely to seal corn, of course, since the margin between market and sealing price is larger.

It's safe to say that enough corn could be sealed in Iowa and the Corn Belt to make "free corn" a rather scarce article. But whether or not that much corn will be sealed cannot be known yet.

Regular reports on corn sealing volume will soon be issued by your ASC committees. Interested farmers should watch for them.

It must be remembered, however, that the corn sealing season is a long one. Loans (or purchase agreements) can be secured until May 31.

ATTENTION FARMERS

help promote your own products...

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You can promote the use of dairy foods by serving them at your local meetings. It's an easy way to join the growing campaign to protect Iowa's health through increased use of dairy foods. At every meeting "set your table" with a variety of dairy products... And "set the example" for the use of dairy foods.

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333 Insurance Exchange Bldg., Des Moines

Iowa M.D.'s say...

If tonsils or adenoids need removal, don't delay

NOW that fall weather is here, many of you may be wondering whether or not it is safe to have tonsils and adenoid tissue removed.

Even tho many people think so, there is no proven direct relationship between polio and the removal of tonsils and adenoid tissue. However, since there is still some debate in this area, cases that can be properly postponed are not treated until after the peak of the polio season.

There is no special age when removal of tonsils or adenoids should or should not be performed.

Roughly speaking, the tonsils are usually removed between the ages of four and eight. The adenoid tissue is removed anytime after the child has passed his first year.

The main reasons for removing tonsils and/or adenoid tissue are as follows:

1. Repeated recurrent colds.
2. Nasal obstruction, indicated by snoring, breathing heavily, and/or mouth breathing.
3. Repeated ear infections.
4. Repeated sore throats.
5. Hearing impairment.
6. Swelling of the lymph nodes or "glands" of the neck.
7. Lack of appetite and generally poor development when associated with recurring difficulties such as the above.

If your child is having these difficulties, then you should certainly have him examined by your physician.

Do not wait for your youngster to outgrow his illness, or irreparable damage may result. Many times, just the removal of the adenoid tissues will solve the trouble.

It is important to remember, however, that the removal of the tonsils and adenoid tissue will not necessarily cure all of these illnesses and conditions. They are not always the only cause.

You do not have to go by figures, ages, weight or the time of the year in deciding when your child should have his tonsils and adenoid tissue removed. You should be guided by his own individual problems and complaints.

Seek the advice of your physician as to the cause of your child's complaints, and how they should best be treated.

Articles in this series are presented by the Health Education Committee of the Iowa State Medical Society.

MEAT from cattle fed stilbestrol is completely safe to eat, according to USDA tests. Samples of meat from treated cattle showed no detectable amounts of stilbestrol even when given heavier doses than permitted commercially.

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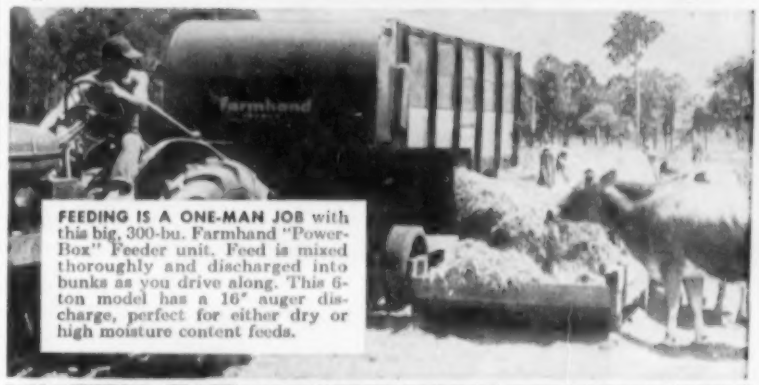
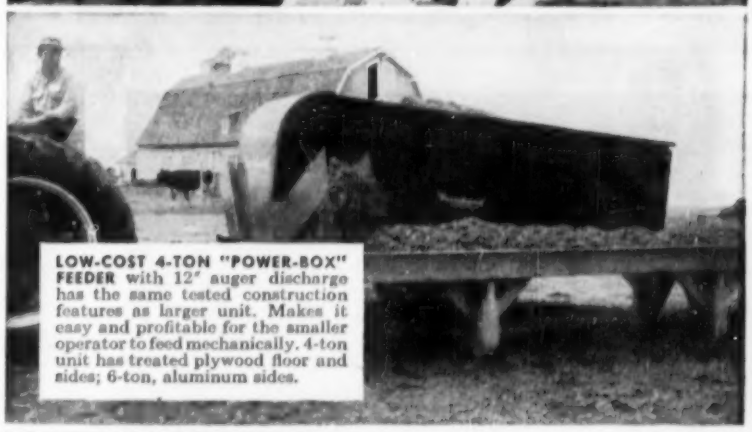


FEEDING IS A ONE-MAN JOB with this big, 300-bu. Farmhand "Power-Box" Feeder unit. Feed is mixed thoroughly and discharged into bunks as you drive along. This 6-ton model has a 16" auger discharge, perfect for either dry or high moisture content feeds.

HERE'S THE 18" BELT-TYPE DISCHARGE Feeder unit so many beef and dairy operators are using. Floor conveyor moves feed into mixing chamber where two steel beaters do the job. The 6-ton Feeder mounts on truck, trailer or wagon.



LOW-COST 4-TON "POWER-BOX" FEEDER with 12" auger discharge has the same tested construction features as larger unit. Makes it easy and profitable for the smaller operator to feed mechanically. 4-ton unit has treated plywood floor and sides; 6-ton, aluminum sides.

THE VERSATILE FARMHAND "POWER-BOX" also converts into a rugged PTO-Spreader, Forage Unit or basic Self-Unloading Box. You haul bigger loads, shred and spread the manure faster, more evenly. You save on number of trips and time spent in the field.

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Semen is frozen in alcohol-dry ice bath. Shown doing that job are Philo Tabor and Russell Blake of Northwest Iowa Federated Breeders Cooperative.

Frozen semen...

. . . Beef breeders as well as dairymen find new artificial breeding technique helpful

by **Dave Bryant**

Frozen semen is stored at 110 degrees below zero. At left, Forrest Brown of Iowa Breeders Cooperative removes a tray of frozen semen from storage.

USE of frozen semen has broadened the appeal of artificial breeding.

It makes a planned breeding program possible for purebred breeders who are concerned about bloodlines. Semen from a particular bull is available whenever they want it.

And that overcomes one of the big objections to artificial breeding with liquid semen.

"You had to take what the technician had that day," comments Joe Henderson of O'Brien county, Iowa. "A man couldn't follow any breeding program that way."

With a herd which has produced an average of more than 400 pounds of butterfat per year for 10 years, Henderson has watched his breeding program pretty carefully. He didn't want to endanger it with hit-or-miss matings.

So Henderson was keeping a bull for his herd of about a dozen purebred cows —until this year when the breeders' co-

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FIND MURPHY'S IS THE CHEAPEST FEED THEY CAN FEED,"

says Pierce Mitchell
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"I know too that a Murphy feeder doesn't have to worry about whether his livestock are getting this new ingredient or that new ingredient he may read about. If a new ingredient works, it will be found in Murphy's Concentrates.

"I want satisfied customers and a dealer can feel confident that he has a satisfied customer when a farmer drives home with a load of Murphy's Concentrates—we *know* from experience, and the farmer quickly learns by feeding, that Murphy's is the cheapest and most profitable feed he can feed."

Why don't you switch to feeding Murphy's Concentrates and Murphy's Minerals for healthier, better doing livestock and poultry—and lower feed bills.

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operative which serves his area switched to a complete frozen semen program.

Actually, Henderson had been sold on the economy of artificial breeding for a long time. He knew that keeping a bull for his small herd was an expensive proposition.

"Even if you've got 25 cows, time you figure the cost of keeping a bull plus a little risk, artificial breeding is cheaper," Henderson declares.

So frozen semen has enabled him to cash in on the savings from artificial breeding—and still carry on a planned breeding program.

Some grade herd owners also like the idea of being able to select matings. Among them is Cecil Moore of Pocahontas county, Iowa. His 50-cow herd average is above 400 pounds.

Moore selected three bulls to which his cows will be mated this year.

What about the effectiveness of frozen semen in settling cows?

"I've had better luck with frozen semen than I was having with the liquid," Moore says.

Mobile laboratory is used to collect and freeze semen on custom basis. Herd owners then can use their own sires in artificial breeding.

"Our results are equal to the results that we were getting with liquid semen," says Russell Blake, assistant manager of Northwest Iowa Federated Breeders Cooperative. His organization was the first in the U. S. to use a 100 percent frozen semen program.

From the standpoint of the breeders' cooperative, Blake also sees these advantages in frozen semen:

1. Less semen is wasted because it can be stored until needed. This makes it possible to use best bulls more effectively. And fewer bulls must be kept in the stud.

2. Semen can be collected and frozen during cool weather and when bulls are in good working condition. This avoids some of the variation in conception rate due to effect of hot weather, for example, on bulls.

Frozen semen for special matings has been available to Iowa dairymen for some time. However the cost of frozen semen under that set-up is higher than for liquid semen. And few dairymen consider the selected matings worth the extra cost.

Use of frozen semen also makes artificial breeding practical for some bull owners. They can have semen from their bulls collected, frozen and stored on a custom basis.

This is useful to beef breeders as well as dairymen.

The practice permits use of injured or aged bulls which might not be able to perform normal service.

It makes it possible for show herd owners to make matings while their bulls are on the show circuit. One beef herd owner, for example, recently had 60 cows bred artificially with frozen semen while his bull was on the state fair circuit.

Co-ownership of valuable bulls also is smoothed out thru the use of frozen semen. By collecting and freezing ahead of the breeding season, several owners can use the bull at the same time. And the number of cows which can be serviced by one bull is practically unlimited.

Just last month, the Iowa Breeders' Cooperative, which serves central and southern Iowa, put a mobile laboratory into operation for custom service.

A big share of the mobile unit's service is going to beef breeders, according to Forrest Brown, fieldman for the cooperative.

Frozen semen is stored at a temperature of 110 degrees below zero. At that temperature, it has been kept alive for more than four years.

"MY CUSTOMERS

GET 200 LB. HOGS FOR $3.50 PLUS THEIR OWN CORN,"

says Stanley Campagne
Maurice, Iowa

"You can't produce top-quality pork any cheaper than that! 50 lbs. of Hog Cut-Cost sells for only about $3.50 at my place and that's the only cash outlay the farmer makes. The extra proteins, minerals, vitamins and antibiotics a hog needs are right there in every bag of Murphy's Hog Concentrate.

"When farmers start feeding Murphy's Cut-Cost Concentrate for hogs, they most always stay with it. They find that with Murphy's their corn goes further and *does a better job.* The most typical comment a new Murphy feeder makes is, 'I used to think that Murphy's cost too much, but now I know I've never fed anything that puts on such cheap gains.' A farmer quickly finds out that his own grain plus Murphy's gives him a top quality ration which keeps his feed bills low.

"I've handled Murphy's for 6 years now, and from the top results I've seen it produce, I can say Murphy's Concentrates and Minerals just can't be beat."

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Easy to handle — free-flowing

Xtra gains on your livestock

Maximum nutritional value

Over 42% total sugars

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- Clear view from seat both of furrows and front wheels.
- Easy fold-in side wings; hold in up to 40% more heat.
- Sturdy steel frame; baked-on green enamel finish.
- NYLON sewn, double-locked seams; weatherproofed cover.

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AT YOUR DEALER'S NOW

A 4-TO-1
FAVORITE

It's true! Dealers report farmers who compare Weather Brake built-in quality, improved design and extra comfort features side-by-side with other makes choose Weather Brake up to 4-to-1.

$29.95
Without Windshield

$43.95 Complete With BIG 3-Section Windshield

HINSON MANUFACTURING CO. — Waterloo, Iowa

Have enough feed for livestock?

IT'S A long time until next year's crops are ready to feed. And fall is often a good time to buy any extra feed you need. Yet, you probably won't want to buy feed you won't need.

If you are short of feed, you may be able to stretch some by substituting other feeds. Low quality roughage with proper supplement can replace hay for some cattle. Or maybe you can pick up some sorghum that is cheaper than corn.

So put your pencil to work again. Here are some figures that will help you make a reasonable guess on your feed requirements:

Hogs

Feed needed to produce 225 pound hog in dry lot*

	Corn bu.	Oats bu.	Alfalfa lbs.	Supplement	Pig feed	Minerals lbs.
Brood sow 150 days gestation and lactation	10	12.5	250	150		2
One pig—up to 40 pounds					50	
One pig—40 to 225 lbs.	11			65		4

*Figure five to 10 percent less feed if self fed on pasture.

Dairy Herd

Feed for one animal for one year

	Corn bu.	Oats bu.	Supplement lbs.	Mixed hay tons
Cow producing				
6,000 lbs. milk	10	20	300	3
9,000 lbs. milk	15	30	450	3.5
12,000 lbs. milk	20	40	600	4.0
Yearling heifer	5	10	50	2.0
Calf to one year	7	15	200	0.75

Beef Herd

Feed for one animal for one year, plus pasture

	Corn bu.	Oats bu.	Legume hay tons	Other roughage tons
Beef cow	4		1.5	1
Bull	10	7	2	
Yearling heifer	6	7	1	0.3
Calf to one year	4	5	1	

Fattening Cattle

Mostly drylot feeding

Kind of cattle	Pounds gain	Months on farm	Corn bu.	Supplement lbs.	Hay lbs.	Days on pasture
Two-year-old good to choice	320	6	49	170	1,100	28
Two-year-old common to medium	260	5	33	140	1,100	20
Yearling, short fed good to choice	370	7	50	200	1,200	30
Yearling, long fed	490	10	64	240	1,400	42
Long yearlings, common to medium	300	6½	37	150	1,300	40
Steer calf, good to choice	560	11	63	260	1,400	36
Heifer calf, good to choice	390	9	44	200	1,200	16
Pasture feeding						
Yearling, good to choice	430	9	50	190	1,300	105
Yearling, medium	300	6½	32	100	1,600	75
Steer calf, good to choice	550	11	52	190	1,800	130
Steer calf, medium	430	9	41	150	1,200	85

From 2% to three tons of average corn silage will replace one ton of hay plus 10 to 12 bushels of corn in most cattle fattening rations.

SENSATIONAL NEW
ELECTRIC HAND SAW
by Sunbeam
THE BEST ELECTRIC APPLIANCES MADE
Famous for Sunbeam Mixmaster, Shavemaster, etc.

ENDS ARM AND BACK ACHING SAWING JOBS

THIS Sunbeam RIPS, CROSS-CUTS, JIGSAWS, COPES, HACKS, SCROLLS, KEY-HOLE SAWS.

- Goes through a 2x4 in seconds!
- Makes tough cuts in iron and steel.
- Perfect for accurate cuts in Formica, Masonite.

RIPS WOOD

Precision built, rugged electric hand saw. Lightweight, easy-to-use. ¾ inch stroke, 50% longer, cuts up to 2 inches deep; circle cuts, too. Change blades quickly—no tools needed. Complete with Rip Guide and Blade, $42.50.

CUTS PIPE

NEW Sunbeam ADD-A-TOOL BOX
Keeps Tools Handy . . . Ready to Go

Special fittings hold Drillmaster in position.
Electric hand Saw rests on special holder
Top opens for full access

Now a practical all metal Add-A-Tool box. Plenty of storage space for tools and accessories. Closes with handle type fastener. Get it with either Sunbeam Drillmaster or Hand Saw, or separately at $8.50.

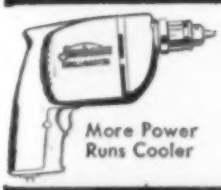
NOW AVAILABLE! 3 MONEY SAVING OFFERS

SAVE $5.50 The sensational new Sunbeam Hand Saw with rip guide and one blade, $42.50, 4 extra blades $4.45 and the deluxe Add-A-Tool box $8.50—
A $55.45 value for only..... $49.95

SAVE $4.20 The $27.95 Drillmaster with ¼ inch Jacobs Geared Chuck, a $5.25 set of 10 high speed drill bits and the $8.50 deluxe Add-A-Tool box—
A $41.70 value for only..... $37.50

SAVE $4.20 The $25.95 Drillmaster with ¼ inch Jacobs Hex-Key Chuck, a $5.25 set of 10 high speed drill bits and the $8.50 deluxe Add-A-Tool box—
A $39.70 value for only..... $35.50

DRILLMASTER DRILL



More Power Runs Cooler

Powerful, cool running, higher torque, drills faster. ¼" Jacobs Geared Chuck, $27.95; with Jacobs Hex-Key Chuck, $25.95.

GRINDER • SANDER • HONER

The most practical grinder made—it grinds, it sands, it *hones*. 110V AC-DC Sunbeam series wound motor develops up to ⅓ H. P. $49.75.

Look for the MARK OF QUALITY Sunbeam

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Sunbeam Corp. Dept. 101, Chicago 50, Ill.
Canada: Toronto 18-Prices slightly higher in Canada

Rural Route Ramblings

BY R. F. D.

NOW THAT the election is over, I wonder how much good a campaign does. I have always maintained that practically everyone has his mind made up after the nominating conventions are over. I talked to a lot of people and I have yet to find one who changed his mind during the campaign.

I SUGGEST that in the future each party have an hour or so broadcast ONCE to which we will all listen and then both parties will promise to quit interfering with our TV and radio programs until perhaps a week before election and then we will listen or watch again.

I ALSO DOUBT very much that my opinion will have any influence on anything or anybody.

THIS WILL probably make the men mad at me (I have the women, children and dogs against me now) but it always irritates me to hear a man refer to his wife as "the old lady."

I HAVE NEVER done this for two good reasons. (1) I have never approved of it—and whether you realize it or not it automatically confers upon you the title of "the old man."

AND (2) IT just wouldn't be healthy at our house.

OUR NINE-YEAR-OLD was going to a party the other night, and we were giving him his last minute instructions—as all parents do and in vain.

WE WERE cautioning him not to ask for anything to eat or even look hungry until the hostess announced refreshments.

"OH, I ALWAYS am polite and wait until I am asked to eat," he said politely.

"OF COURSE quite a few times I have almost starved to death," he added thoughtfully and sincerely.

I DON'T remember seeing him, but I believe we have been going to the same parties.

"The way I understand it—You go right back up before you lose your nerve."

Cattle gain more, cows produce more on less feed if their water is kept at 48° during winter months. You get this extra margin of profit with a Johnson Water Warmer, the dependable bottle gas stock tank heater that keeps water at a drinkable 48° all winter long automatically — lasts for years.

Never a worry about tanks freezing over, no need to chop ice with a Johnson Water Warmer on the job. Just light it and forget it . . . this efficient heater is absolutely weatherproof. Johnson's patented common vent for flue gasses and inner liner keeps your Water Warmer going in the heaviest rains, the strongest winds.

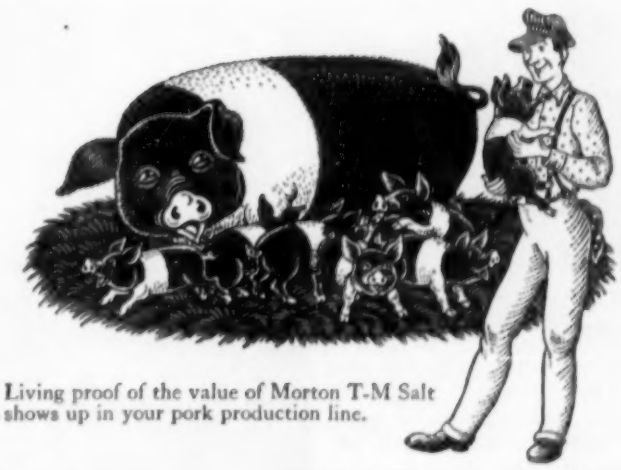
Safe — economical — 100% safety controls let you use your Johnson Water Warmer near or even inside buildings. Immersion type heating tube transfers maximum heat to water — burns a minimum amount of LP gas.

Pays for itself in one season — actual tests showed that 25 head of cattle made enough extra gain to pay for a Johnson Water Warmer plus the gas in one season! A low-cost Johnson Water Warmer is a good investment.

Be sure cold water doesn't cut your profits this winter. Get the facts on the Johnson Water Warmer from your nearest bottle gas, hardware or implement dealer, or write

JOHNSON GAS APPLIANCE CO.
CEDAR RAPIDS, IOWA

johnson
If it burns gas look for Johnson



Living proof of the value of Morton T-M Salt shows up in your pork production line.

Morton TRACE MINERALIZED Salt
for healthier hogs, healthier profits

MORTON T-M SALT helps you get more pigs per litter that reach market weight. Only one extra pig brings in enough to pay for about a ton of T-M Salt. Therefore, it is very low-cost livestock insurance.

College feeding trials conclusively prove the need for trace minerals in the rations of all livestock. Most farm lands are short of one or more of the essential trace minerals—**cobalt, iodine, iron, copper, zinc or manganese.** So feed Morton T-M Salt the year 'round to guard against mineral deficiencies . . . assure yourself of *more* milk, *more* meat, *more* wool and a higher return from each feed dollar.

The cost of Morton Trace Mineralized Salt over ordinary salt is less than 1¢ per animal per week. Feed it free choice, even if you feed a major mineral supplement. *You know they need it. They know how much.*

Always order Morton T-M Salt. It is the only kind you should use.

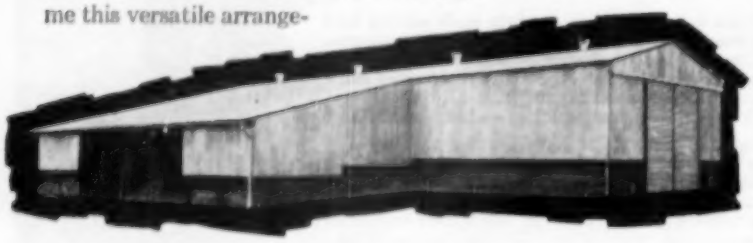
Less than ¾¢ more *Less than ¾¢ more* *Less than 1¢ more* *Less than ¾¢ more*

MORTON TM TRACE MINERALIZED SALT

At your feed dealer's—bags or blocks.

"Why I bought a UNI-MAC Pole Building"

"I needed a multi-purpose building for machine and hay storage with a cattle feeding and loafing area. UNI-MAC gave me this versatile arrange-



ment at a square foot cost far below any building of comparable quality. It's a work saver, too...maintenance-free, and every bit of wood is PENTA treated... important because of the high humidity conditions always present with cattle."

George Fleer, Mt. Morris, Illinois

Write today for free folder on **UNI-MAC pole buildings** *and name of the dealer in your area*

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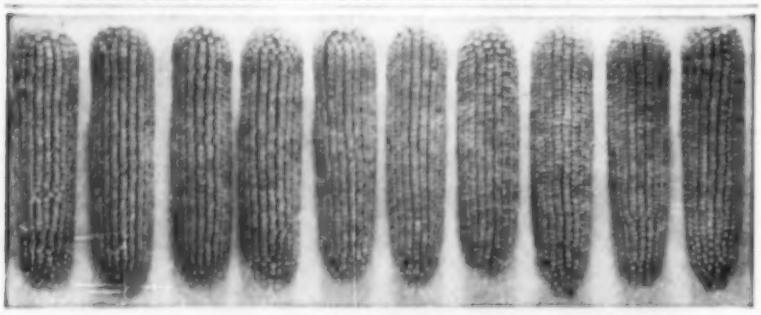


GRAND CHAMPION

10-Ear sample Moews CB 96 submitted by Harold Thompson, Frankfort, Indiana, in Moews Open House and Corn Show at Granville, October 11.

JUDGE

Judge of the Moews Corn show was Prof. J. C. Hackleman, famous International Grain and Hay Show Judge, shown at work in illustration at the right. Complete illustrated story on the Moews Corn Show in next "Corn News." Write for it.

FREE: Full color folder illustrating and describing Moews varieties for 1957 planting. Also free monthly subscription to Moews "Corn News" telling of the new varieties and how Moews customers are using them to increase corn profits. Send name and address.

MOEWS SEED COMPANY
Granville, Illinois

Indiana Plant at Boswell

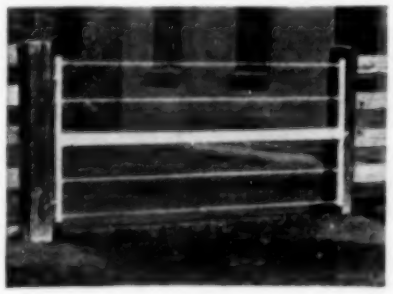
...say "maize" MOEWS Improved CORN BELT Varieties

LEADERS IN CORN IMPROVEMENT

What's New

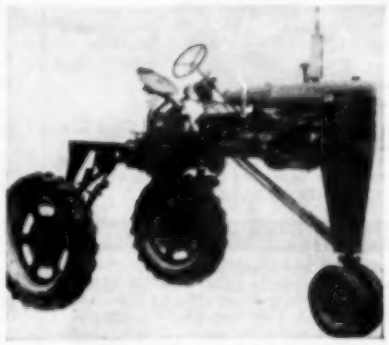
For further information about any of the products shown here, write to Wallaces' Farmer and Iowa Homestead, Des Moines, Iowa. (More "What's New" articles for farm and home will be found on page 54 of this issue.

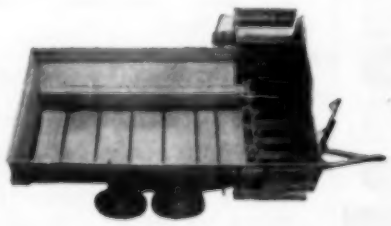
New loader is designed for Allis Chalmers WD tractors. Has double acting cylinders, complete line of attachments and heavy duty design. Made by Standard Engineering Co.



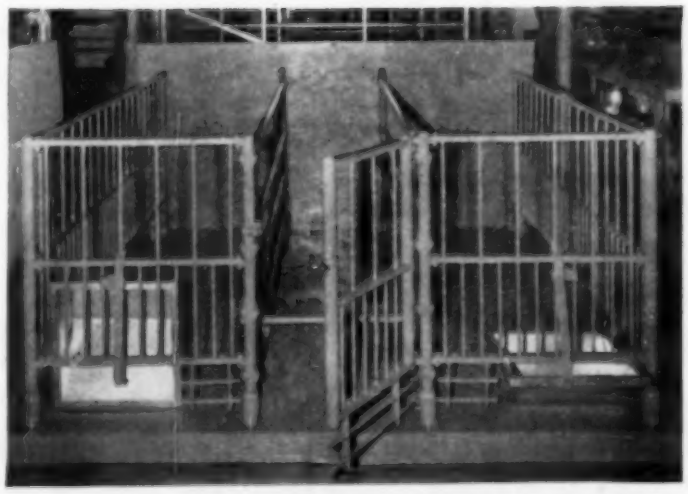
Non-rigid farm gate comes in a package including capped gate ends, hinges, latch, etc. Can be used with 2x4's or 1¼-inch pipe. Widely adaptable. Made by Cleveland Hardware and Forging Co.

Stilts are made for International C and super C tractors. Makes high clearance unit out of your regular tractor. Two men can install them in less than two hours, says manufacturer. Made by Tractor Stilts Co.





Mixer-beater is featured on this new model self-unloading feed wagon. Two sizes, 150 and 180 bushels. Made by Kelly Ryan Equipment Co.



Combination farrowing crate and pen has steel construction with troughs for feed and water. Gate makes farrowing crate in center of pen. Made by Starline, Inc.

SAVE YOUR LIFE!

Tragedy can hide in quiet places . . . . in the basement of a farm home, for example. Then at a certain time, it springs into the open. True story below is reported by Norval J. Wardle, Iowa State College safety specialist.

"FRANK, will you build a fire in the furnace this morning? I believe it is getting colder, and Janie has a cold." Frank was putting on his coat to go to work as Julia spoke.

"Plenty of trash there by the furnace. Just throw some of it in and light it," Frank answered.

"Can't you start it before you go to the field?" Julia had never liked to make a fire in the furnace.

"Nothing to it. You do it. I've got to get out to the field." Frank left hurriedly, leaving the fire building job for Julia.

When Julia got to the basement she surveyed the big furnace. Frank had been right. There was plenty of trash by the furnace—old boxes, crates and paper lay in a large pile by one side of the furnace.

Julia wondered about the trash. She had often mentioned to Frank that trash shouldn't be allowed to accumulate.

"You got to have things where you need them," had been Frank's usual answer.

Julia opened the door of the furnace, turned on the switch of the stoker and waited for a small pile of coal to accumulate on the grate. Then she piled in some of the paper on the coal and put several scraps of wood on top of that. She struck a match on the furnace door and tossed it into the paper. It fell to the grate and died out. She took another match and scratched it on the door.

A small bead of the match fell off as a glowing ember. It was so small Julia paid no attention to it.

She struck another match, and this time held it to the paper in the furnace 'til the paper started to burn crisply. Then she turned on the stoker switch again.

Then as she turned back to the furnace, she saw the blaze in the trash by the furnace.

Involuntarily she started to stomp the little jumping flames. A box was in the way. She kicked it away. Sparks flew. She stomped frantically at the many little flames. Then she noticed her dress was on fire. She ran up the stairs and out the door a flaming mass.

Julia didn't die. Frank was just going by the house as she came out. He quickly grabbed a tarp hanging on the fence and wrapped her in it. Julia will always have the scars on her legs. Frank cleaned up the trash in the basement and kept fire supplies in a metal can after that.

Will someone in your family have to catch fire to make you clean up the fire hazards around your home? Make a fire check today. Save a life.

BREEDING
MANAGEMENT
SANITATION
FEEDING

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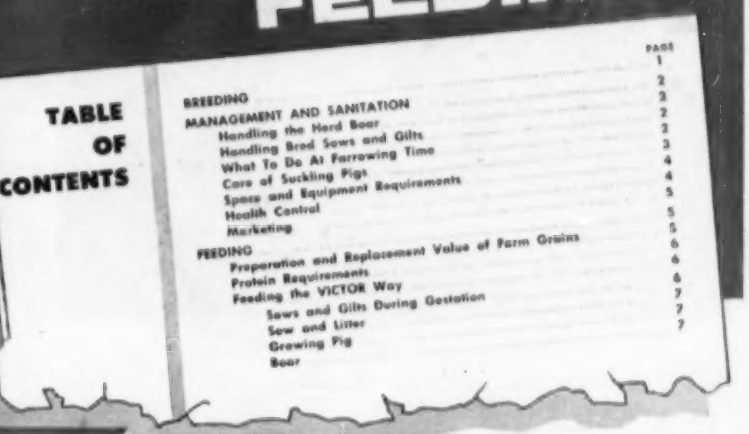

ONLY VICTOR GIVES YOU THIS COMPLETE

HOG FEEDING PROGRAM

Your VICTOR dealer offers you more — *MUCH* more — than a complete line of proved-on-the-farm QUALITY HOG FEEDS. When you feed your hogs VICTOR HOG FEEDS — from suckling pigs to market-weight hogs . . . you get a *complete feeding program*. The latest research developments in profitable hog production are available to you . . . for breeding, feeding, management, sanitation. Feed for best profits this year — feed VICTOR HOG FEEDS and follow the COMPLETE VICTOR HOG FEEDING PROGRAM.

EVERYTHING YOUR HOGS NEED TO SPEED UP DAILY GAINS

VICTOR

COMPLETE HOG FEED

If you can put on 100 lbs. of quality hog gain with only 300 lbs. of a *complete hog feed* — you would call that money-making hog raising, wouldn't you?

That's exactly what many raisers have been doing for years — with VICTOR COMPLETE HOG FEED.

When you feed your hogs VICTOR COMPLETE HOG FEED — *there's nothing else to feed.* There's no guesswork.

You KNOW your hogs are getting a complete, properly balanced ration. Because VICTOR COMPLETE HOG FEED is so palatable — your hogs will eat all they need.

So — feed for FAST daily hog gains — the proved, easy, low-cost way. Feed YOUR hogs VICTOR COMPLETE HOG FEED. There is a VICTOR dealer near you. See him today.

If you want to feed your hogs an ideal supplement with corn . . . put them on one of the

VICTOR HOG SUPPLEMENTS

FREE NEW VICTOR HOG PROFITS GUIDE

Ask Your Victor Dealer Or Write To Us

THE CRETE MILLS *A Division of Lasbeff Grain Co.* CRETE, NEBRASKA

CLUB OFFICERS and leader meet with minister to plan services. They are (left) Janice Handlen, Jeannine Durick, Pat Tiarks, Darlene Altrock, Nancy Brokman, Mrs. Walter Herrill, co-leader, and the Rev. L. G. Fritschel, pastor of St. Paul's Lutheran church at Treynor, Iowa.

4-H club girls conduct this unusual

Thanksgiving Worship service

ON THIS Thanksgiving Sunday, 28 Iowa farm girls in west Pottawattamie county will unite in an unusual worship service as the Hardin township Work and Win 4-H club participate in its tenth annual Harvest Home Sunday.

This service is a living example of religious freedom and tolerance that was so important to our Pilgrim fathers. For within this 4-H club group of 28 girls, there is membership in 10 different churches, representing seven denominatons.

Each year at Thanksgiving time these girls of different faiths join together to thank God for the Blessings of the Harvest.

The first Harvest Home Sunday service was held 10 years ago at the Mt. Hope Methodist church, a centrally located church in Hardin township. The 4-H club was smaller then, and most of the members attended that country church.

As the membership increased, the girls of other faiths asked if the service couldn't be held at their churches.

Now, each September, a vote is taken, and the church choice is made—a different church each year. This early decision gives the minister and congregation of the selected church sufficient time to fit the 4-H service into their Thanksgiving schedule.

"We have always been warmly welcomed at each church we have attended and cordially invited to return with our service when ever we choose," says Mrs. Walter Herrill, co-leader of the club.

In early November, a committee of the girls and the leaders meet with the minister to plan the worship service. The minister explains the customs and order of service of his church and decides what part the girls take in the Thanksgiving service.

Thru the years, the girls have served in nearly all phases of the worship service. The degree of participation depends on customs and desires of the church they attend.

The club frequently forms the choir. Various members may act as ushers, greeters, lead the prayer, read scripture, take the offering, and frequently present special music. Or the club may sit as a group, as recognized visitors, and worship with the congregation.

"It was surprising to me to find there is really very little difference in the way people worship," said Janice Cohrs, a 4-Her who has attended five of the services. Agreeing with her, Janice Handlen adds, "When you remember we all worship the same God, it doesn't really matter how we say our thanks."

All the girls wear the blue 4-H uniform for the Harvest Home service. "They make an inspiring sight, these girls in blue, worshiping together. Humbly bowed in prayer, or with their heads held high singing praises to their Lord, it makes me just pretty proud of our young people," says Mrs. Henry Herrill, former leader (and grandmother of two club girls). Mrs. Herrill originated the Thanksgiving service in this club 10 years ago and still attends each year to worship with them.

This year the Harvest Home Service will be at the St. Paul's Lutheran church at Treynor, Iowa. The Rev. L. G. Fritschel is the pastor. The club officers and the leaders met with Rev. Mr. Fritschel in early November and planned the details of the service.

Later the entire club met for rehearsal with the junior organist of the church, Miss Judy Vorthman, also a 4-H girl. The rehearsal gives the girls a chance to become acquainted with the church, the order of service, and their part in the activities.

"We always enjoy having the young people assist with church service," commented Rev. Mr. Fritschel.

The Thanksgiving service is not just for the 4-H members, but worshiping with the girls are their families and friends, and of course the members of the host congregation.—Mrs. E. Krohn

DARLENE ALTROCK, member of the host church, rehearses at the lectern. She will offer the special Thanksgiving prayer.

FOLLOWING services, the girls greet the minister and members of the congregation at the door of the host church, St. Paul's Lutheran.

Cookery corner

WHY not plan a different stuffing for your Thanksgiving turkey. Here's one that your family is sure to like:

Corn Bread Stuffing

4 tablespoons butter
1 small clove garlic, minced
1 medium sized onion, chopped
½ green pepper (optional)
4 cups dry crumbled corn bread
salt, pepper, bay leaf
Giblets

Chop the giblets fine, and place in a skillet with butter. Brown well. Add the garlic, onions, green pepper. Cook about 20 minutes. Add the corn bread, salt and pepper to taste. Place a bay leaf in the cavity of the bird, and add the dressing. One cup of dressing is a good allowance for each pound of bird.

If you generally include sweet potatoes in your Thanksgiving menu, here is a recipe that is different:

Sweet Potato Casserole

8 medium sized sweet potatoes
1 can apricots (No. 2½ size)
1 tablespoon butter
whole cloves

Boil the sweet potatoes in their jackets. Peel, and cut into thick crosswise slices. Arrange the potatoes and the drained apricots in layers in a buttered baking dish ending with apricots. Put a whole clove in each apricot of top layer. Pour syrup from fruit over all, and dot with butter. Bake in a moderate oven for 45 minutes.

For dessert, a Plum Pudding won't go amiss, especially when served with a fluffy hard sauce.

Plum Pudding

2½ cups sifted flour
1 teaspoon cinnamon
½ teaspoon cloves
½ cup mixed candied fruits chopped
½ cup seedless raisins
1 cup chopped nuts
1 teaspoon soda
1 cup molasses
¼ cup butter
½ cup sugar
2 well beaten eggs
¼ cup milk

Sift the flour and spices together. Add fruit and nuts. Dissolve the soda in molasses. Cream the butter and sugar together. Add eggs and molasses. Beat, and add the milk. Add the flour mixture to the liquid mixture. Pour in greased mold. Cover, and steam for two and a half hours. Serves eight.

Hard Sauce

½ cup butter (softened)
1 cup powdered sugar
4 tablespoons boiling water
1 egg white, beaten stiff
1 teaspoon vanilla

Cream the butter and sugar together. Add boiling water a little at a time. Beat after each addition. When fluffy, let cool. Then add egg white and vanilla. Chill, and slice for serving.

ROAST YOUR THANKSGIVING turkey breast side up on a low rack set in a baking pan. Use no water. Cover with cheese cloth that has been dipped in melted butter.

Mrs. W. L. Van Peursem of Mitchellville, Iowa won a First Award at the Iowa State Fair with these delicious Doughnuts.

Award Winning Doughnuts

...*delicious with* Folger's Coffee

the Mountain-Grown coffee
with the rich, distinctive flavor!

Get set for smiles, when you top off frosty morning breakfasts with a tasty, tempting plateful of Mrs. Van Peursem's prize winning Doughnuts—especially when you serve 'em with steaming cups of richer tasting Folger's Coffee!

The delicious difference you taste in Folger's is Mountain-Grown coffee—nature's choicest coffee, specially blended in the unique Folger way. Enjoy the satisfying tang and flavor of Mountain-Grown coffee today. Serve Folger's Coffee—*the* Mountain-Grown coffee, to add extra pleasure to every mealtime treat.

CUT OUT AND SAVE

FOLGER'S COFFEE . . . IT'S MOUNTAIN-GROWN!
So extra rich in flavor that you are urged to try using ¼ less than with lesser flavored brands.
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MRS. VAN PEURSEM'S
PRIZE WINNING DOUGHNUTS

. . . delicious with Folger's Coffee!

2 tbsps. shortening • ¾ cup sugar
2 well-beaten eggs • ¾ cup milk
3½ cups flour • 1 tsp. salt
5 tsps. baking powder
1 tsp. cinnamon • ½ tsp. nutmeg

Cream sugar and shortening. Add eggs and beat well. Add milk, then flour sifted with salt, baking powder and spices. Roll on lightly floured surface ⅜ inch thick. Cut with floured cutter; let stand fifteen minutes. Fry in deep hot fat (375°) until brown, turning once. Drain on absorbent paper. Shake in paper sack containing granulated or confectioners sugar, if desired. Makes three dozen doughnuts.

NOW!

"bottled magic"

for fats and oils

IN HANDY HOME BOTTLE at your Frozen Food Locker Plant, Grocery, Market, etc.

LIFTS these basic foods to Exciting New Heights . . . in usability, flavor, freshness!

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- **LARD:** Keeps at kettle-fresh peak . . . maintains full rich flavor . . . superior digestibility and nutritive quality . . . cuts smoking . . . guaranteed against spoilage at room temperature
- **COOKING FATS & OILS:** Wonderful additive for deep-fat frying . . . keeps salad oils fresh and sweet
- **FRIED & BAKED FOODS:** Full, fresh flavor lasts up to four times longer when made from STA-SWEET treated fats
- **HOMEMADE BUTTER & SAUSAGE:** Fresh life and flavor greatly extended.

If your dealer doesn't yet have STA-SWEET, write

LIFT PRODUCTS, INC.
CEDAR RAPIDS, IOWA

If you have your lard rendered by a custom processor, watch for this STA-SWEET sign. It means he'll transform your lard into "Certified STA-SWEET shortening" for just 14 a pound!

BUT BE SURE IT'S GENUINE STA-SWEET
There's No Adequate Substitute

Keep Your Heater Working Like New!

Get more heat from fuel . . . prevent soot fires!

Now you can automatically "tune up" your stove to work like new! Just add Chimney Sweep to your fuel. It destroys soot that clogs up your heater—helps keep it from forming in firebox, stovepipe, chimney to avoid soot fire hazards. Fuel lines stay clear, burner stays cleaner for better burning. You get more uniform heat for greater comfort. Buy Chimney Sweep now.

for oil or kerosene pt. $1.39
for coal or wood 1 lb. $.59

CHIMNEY SWEEP

HEALTHFUL! Tree-Ripened! ZESTY!
Vitamin Packed! FRESH! Delicious!

GUARANTEED SATISFACTION or REFUND

NOW is the time to order your fresh tree-ripened Florida Citrus Fruit. Golden-natural colored, and hand picked, this fruit is attractively packed to make a wonderful gift package . . . for friends, or family.
Direct from our groves to you . . . this selected top quality fruit is tree ripened for full flavor. Deliciously fresh, variety is yours to choose, oranges, grapefruit, and tangerines . . . it is attractively packed and RUSHED to you by Railway Express.

Full Box (90 lbs.) . . $11.00 Full Bushel (55 lbs.) . $7.50
Half Box (45 lbs.) . . 6.75 Half Bushel (30 lbs.) . 5.00
(All weights approximate)

These prices include cost of shipping. Order with complete confidence. Send check or money order and shipping instructions to:

BRAUN FRUIT PACKERS Dept. 1 Deland, Florida
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Don't Take a Chance

on missing a single issue of Wallaces' Farmer and Iowa Homestead. If it's time to renew your subscription, get your order in the mail today!

You'll Want to Find Out

the latest developments on crop and livestock production, the outlook on markets and farm programs. Questions about timely farm jobs are answered in every issue of Wallaces' Farmer and Iowa Homestead. Our editors specialize in figuring ahead as to what you will want to know when the paper comes out.

Homemaking Helps

A HANDY GARMENT for any little girl to own is a coverall made by cutting a half circle of fabric—preferably cotton plisse—that will wash and never need ironing. In hot weather, this will serve either as a dress or a dress protector. Tie it with self fabric strings at neck and waist.

YOUR FAVORITE casserole picks up interest when you add a garnish that is slightly different. Slivers of ripe or stuffed green olives or toasted almonds sprinkled on a spaghetti dish may introduce new flavor and texture. Fried apple rings with the red skins left on are a fine complement to a sweet potato and ham casserole.

A PENETRATING SEAL is a satisfactory finish for floors. It is designed to penetrate only a short distance into the wood and to harden at the surface. Your floors are then sealed against moisture, dirt or stains.

IRONING BOARD COVERS need to be washed if they become scorched or white garments ironed over the scorching will turn yellow.

USE AN EMPTY soft-drink bottle carton for household cleaning supplies. The compartments will hold soap, detergent, scouring power, polishes, clothes, etc. This carry-all can be kept in the cleaning closet.

BE SURE AND REMOVE metal hangings and pleating pins before washing draperies. This safety measure will keep them from rusting and prevent pricked fingers.

ANY TOY that can be washed with soapsuds is safer for a child to play with.

WASHABLE SILK becomes weak in water, so it should not be rubbed, twisted or wrung when wet.

EVER PASS up a recipe because it called for sour cream and you didn't have any? Here's a solution—measure one teaspoon of vinegar or strained lemon juice into a measuring cup and fill with sweet cream.

"My husband just swallowed a tractor."

"Oh well, cooking isn't everything—she sure knows how to keep the linens white and sparkling with Mrs. Stewart's Bluing!"

W-e-l-l, hmmm—let's talk about linens! Whether "company best" or the everyday kind—Mrs. Stewart's Bluing will keep the dazzling white sparkle of newness in them. Try it next washday.

DON'T LET WATER FREEZE!

Use Safe, Dependable LINE-O-HEAT®

Keeps water pipes, pumps, etc., from freezing in weather as cold as it will ever get. Safe and dependable . . . only heating cable guaranteed for 2 years. Easy to use; apply where needed, plug in. Costs as little as a penny a day to use . . . less when operated automatically with a Smith-Gates thermostat for $8.95.

CAT. NO.	PROVECTS UP TO	PRICE EACH
LHT-3	3 ft.	$2.45
LHT-6	6 ft.	$2.95
LHT-12	12 ft.	$3.95
LHT-20	20 ft.	$4.95
LHT-30	30 ft.	$6.45
LHT-40	40 ft.	$7.95
LHT-60	60 ft.	$9.95

Write for FREE Bulletin

IF YOUR DEALER DOESN'T HAVE IT, ORDER DIRECT

SMITH-GATES CORPORATION
Dept. K-14, •Farmington, Conn.

Like thousands of others, he switched!

R. W. Krohn, a director of the Farmers' Cooperative Creamery Association of Avoca, Iowa, has joined thousands of his fellow dairy farmers in switching to the new Kendall non-gauze milk filter. "Best disk I ever used . . . a large improvement over any other filter", Mr. Krohn states. "They strain faster and cleaner, as well as more milk with each disk." Ask your local merchant for Kendall and you'll switch, too.
THE KENDALL COMPANY, *Kendall Mills Division*, Walpole, Mass.

Full Color—Wall Size International

WORLD MAP

It's wall size! 33 in. x 50 in. Heavy duty durable stock in 8 full colors with clear type to instantly identify any corner of the globe. All in precision detail. Smart as a moral. Educational for children's rooms, den, office, civic, schools, etc. Order direct today. Send $1.00 each prepaid or 3 for $2.75. Same large map of U.S.A. Same price. Guaranteed.

TERRY ELLIOTT CO., Dept. MP-120
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BUY DIRECT AT WHOLESALE PRICES!
SAVE UP TO HALF Get free catalogs. Furniture, clothing, electric appliances, auto accessories, farm equipment, tools, housewares, hobby supplies, most anything. Free Wholesale Plan. ASSOCIATED WHOLESALERS, 1016-FW Starr, Burlington, Iowa.

SEND WOOL to us for FINE BLANKETS. Free information.
West Texas Woolen Mills, 447 Main, Eldorado, Tex.

AFTER CHANGING FURNITURE around, do you find that there is a nasty impression left in the rug? Easy way to remove this is to "steam" the nap back up with your steam iron as shown in the picture.

Nearly every room has a rug

Here are some suggestions on handling to get longer wear, better looking rugs

SLIPPERY SCATTER RUGS are one of the largest causes of accidents in the home. Many of the rugs these days have rubber backing. But if you have one that doesn't, you can fix it. Just take a bottle of rubber cement, and apply to back of rug. Let dry.

YOUR FAVORITE RUG becoming worn on the corners? You can still get some wear from it by cutting down. Mark an oval line in with chalk. Follow the line when cutting, and then just bind over the edges. Now you have an oval rug that looks like new.

MAKE THIS YOUR WIFE'S

most joyous CHRISTMAS

Give her A Caloric GAS RANGE

or a Caloric GAS CLOTHES DRYER

Fueled by THERMOGAS or RAPID GAS

When you see the joy on her face, you'll know you made the right choice for her gift this Christmas.

The happy wives who receive the Caloric Gas Range will enjoy new cooking ease. And, the family will enjoy more delicious meals . . . especially if her Caloric is equipped with the new *Thermo-Set Top Burner* that makes all the pots and pans fully automatic.

The Caloric Gas Clothes Dryer will make her equally happy, because this automatic dryer saves your wife hours of work each week. Caloric's *exclusive* LO-HEET, HI-BREEZ drying saves fuel, saves clothes, saves time.

Plan now to give her the happiest Christmas ever. See your Thermogas or Rapid Gas dealer today about an "Engineered Installation" of a Caloric Gas Range or Dryer.

RAPID THERMOGAS COMPANY 25 years THE PREFERRED LP GAS SERVICE

MAIL COUPON FOR MORE INFORMATION

RAPID **Thermogas** COMPANY

4509 East 14th Street, Des Moines, Iowa

Please send more information on:
- ☐ Caloric Gas Range
- ☐ Caloric Gas Clothes Dryer
- ☐ Name of nearest dealer

Name_____

Address_____

Rapid Thermogas Plants Located At:

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GOOD LUCK
NEW IMPROVED WING THUMB
CHORE GLOVES

What Good Luck's new improved seamless wing thumb feature means to you...
1. GREATER COMFORT ... no thumb seam to rub
2. FULL SIZES ... better fit
3. LONGER WEAR. No thumb seam to rip out
4. UNCONDITIONALLY GUARANTEED

Be sure to ask your dealer for Daily Dubble 80 by name... it is America's best work glove value. Accept no substitute... insist on Good Luck's Daily Dubble 80 Chore Gloves with new improved wing thumb feature. They cost no more.

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"VOICE OF AGRICULTURE", WATERLOO, IOWA

Even tho his wife works...

This farmer gets a hot noon meal

EUGENE KREFT, Sac county, Iowa, finds a hot meal all ready at noon even tho his wife is teaching.

MR. and Mrs. Eugene Kreft, Sac county, Iowa, are a young farm couple just starting out on Gene's home place of 240 acres. They are making good headway towards being farm owners and to help things along, Ardeth is teaching school.

"At first I wondered if I could handle two jobs," Ardeth said thoughtfully. "I was worried about Gene's noon meal. Men who work hard outside have a right to good meals at noon."

But Ardeth, after some experience, has worked it out so that she can fix her meals ahead of time and Gene always has a hot meal at noon.

Ardeth is lucky to have an automatically controlled oven and an electric frying pan. She has worked out a number of different menus.

MENU NUMBER 1

Fried chicken
Baked sliced potatoes with butter and parsley (in foil)
Carrot and pineapple salad
Creamed beans
Baked apples

Brown the chicken while getting breakfast. Put in casserole with a small amount of water, and place in oven.

The sliced potatoes with butter and parsley all wrapped in foil join the chicken in the oven.

Carrot and pineapple salad is placed in the refrigerator.

Creamed beans have been creamed ahead of time and are put in a saucepan ready to heat.

Apples are prepared ahead of time and placed in the oven for baking.

Ardeth sets the oven temperature at 350 degrees and the timer for about 45 minutes. She sets the table when she does the breakfast dishes. She leaves a list of the food she has prepared and where it is located in the oven, on the stove or in the refrigerator.

MENU NUMBER 2

Ham loaf
Glazed sweet potatoes
Creamed peas
Tossed salad
Ice cream loaf

Ham loaf and the sweet potatoes are prepared ahead of time and placed in the oven. Timer is set for 350 degrees and timed for 45 minutes.

Salad is left in the refrigerator with the dressing beside it. Peas are creamed and all ready to heat. Ice cream loaf is made from bars of angel food cake and ice cream and is left in the refrigerator.

MENU NUMBER 3

Spanish noodles (hamburger, noodles, peas, tomato soup precooked)
Baked potatoes
Cabbage salad
Baked custard

Spanish noodles — ingredients are placed in a casserole after precooking. Then casserole is placed in oven along with potatoes for baking. Cabbage salad is left in refrigerator. Custard is prepared ahead of time.

MENU NUMBER 4

Pork chops Creole (sliced potatoes, carrots, tomato soup thinned with milk, chops are seasoned and placed on top)
Cranberry jello salad
Rice pudding

Brown pork chops while preparing breakfast. Prepare casserole, and place in oven. Cranberry salad and rice pudding are left in refrigerator. Set oven for 350 degrees, time one hour.—**Wayne and Carol Messerly, Webster county, Iowa.**

PLANNING meals ahead of time makes it possible for Mrs. Eugene Kreft, to get away for a full day without worrying about her husband's meals.

MOTHER of four children, Mrs. Calvin Jurgens, Franklin county, Iowa, does a lot of baking. Here she takes a freshly baked loaf of bread from the oven.

Country air

WITH elections over, we'll know all the answers to the farm question. Or shall we?

Anyway what will we know about the city question? It might be well to study it if a large percentage of farmers are to be forced into the economic melting pot of the cities in the next four years of high industrial production that is forecast.

Recently I did a minor bit of traveling. By my sons and their wives' skill in driving city traffic and other relatives elsewhere to take me and meet me at planes and buses, I did a brief 1,000 miles quite easily.

An hour's flight took me smoothly from Des Moines to Kansas City with a son at either end of the line. Kansas City is building thousands of small treeless homes for you to move into when you've given up the farm to punch a time clock and drag your big wages home for the privilege of spending it all on supermarkets without enough parking space. Or shopping for the children's shoes downtown without any parking space at all.

Count on an hour or more to drive to your friends for Sunday night popcorn and apples. Wear your finger tips out dialing seven digits on the phone to tell them you're coming and spend the evening talking about the prices of said groceries, shoes and the scarcity of parking lots. Or arranging to have the car to take the darlings to cub scouts.

The little country town of Cedar Falls I knew many years ago was a brisk miles' walk between Campus Town and the stores down town. The walk was over a treeless and houseless waste. The interurban took us to Waterloo thru lovely wooded Cedar Heights. There now are houses built solid in between the points mentioned—houses, but the lovely trees are gone.

From the air, every small city or town had rows and rows of similar built houses with monotonous regularity. No doubt trying to be individual with yellow porches and pink front doors or putting a jog between the den (or third bedroom) and the living room picture window which looks out on more yellow porches and pink doors.

All night long, the noise of planes was over each midwest city. Auto traffic whirred by the houses all day long. No one had sidewalks. No one walked on them. Every family is a two car family. Or needs to be unless some member of the family takes over the job of car dispatcher to schedule trips to the shopping center, cub scouts, PTA or Sunday school and Daddy's office.

In Kansas City, my first grade grandson can go to school only a half day because schools are so crowded. To be sure he is taken by a bus, but how long will it take him to master, "Look oh, look" and "Funny, funny Jane" and "Sally and Dick" from his workbooks at that rate.

But grandparents, lay off! I undertook to help my first grade granddaughter in Des Moines to correct her babyhood pronunciation of "chair." She had pronounced it "shair," but I soon ran afoul of phonics which she hadn't had time to meet yet. She learned to say "choo-choo- **chair**" but what did I do when she offered to "choo-choo-share" her toys with me?

Obviously if I jiggle down into the place meant for me I'd better admit I'm old-fashioned. Only I think there's a place for old-fashioned things like phonics.—**Elizabeth C. Wherry.**

CHRISTMAS
GIFTS
for HOMELESS
CHILDREN

* 30,000 Gifts Provided Last Year!
* Start Saving Strips Now — Mail Them by Dec. 15!
* Specify Your Children's Home Preference—if you wish!

Wouldn't you like to make this a glorious Christmas for every homeless and crippled child in this area? YOU CAN HELP! Simply save your Butter-Nut Coffee key strips and mail them to us by Dec. 15. The last inch of each strip will do.

No money, please. Butter-Nut buys the gifts, basing the fund on the number of strips received.

THOUSANDS OF GIFTS

Every strip helps. Many folks send in scores — many send hundreds. Schools, church groups, Sunday Schools and clubs send in huge boxes of strips! Last year there were enough to provide over 30,000 gifts . . . to children's homes and hospitals for crippled kiddies in all states where Butter-Nut Coffee is sold.

GIFTS KIDDIES LIKE

Sleds, dolls, books, games, marbles, jump ropes, balls, jacks, wagons, roller skates, scooters, kites, teddy bears — plus T-O-N-S and T-O-N-S of candy and nuts!

WILL ANY BE FORGOTTEN?

Christmas should be THE big day for kiddies. Let's see that every unfortunate little one is specially remembered. Let's go all the way this year — let's help give every one of these homeless children their biggest Christmas ever!

EVERY YEAR MORE GIFTS ARE GIVEN!

Will you help us swell the fund? Please do not send money — send only key strips from cans of Butter-Nut Coffee. If you wish your strips credited to a certain childrens home, enclose name and address of the home. THEN — start saving strips for next year's Christmas party!

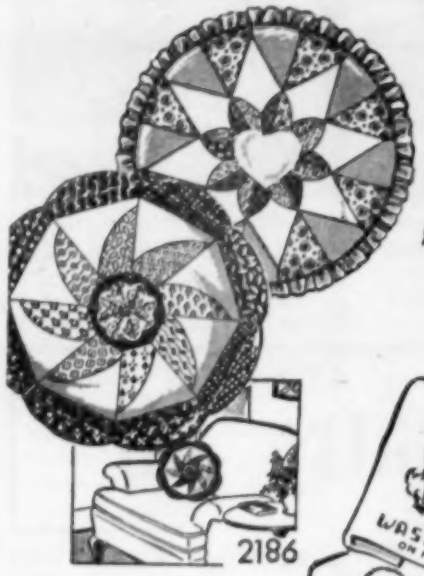
Butter-Nut Coffee, 701 South 10th Street
Omaha, Nebraska

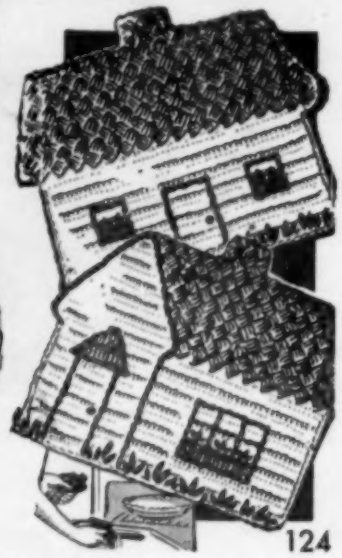
Butter-Nut
'The COFFEE
DELICIOUS'

Winter hand work

No. 2186. Use scraps of left-over fabrics to make this eye-catching set of pillows! They are inexpensive to make and so nice to use.

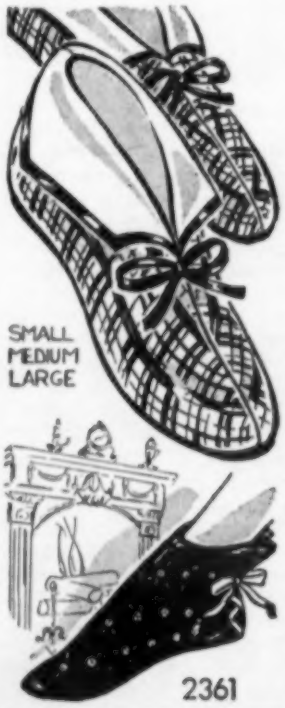
No. 124. Here are matching potholders that may be quickly and easily crocheted. Use sparkling white cotton for the cottages, and trim them with bright red or green.





No. 5282. "A woman's work is never done" is amusingly illustrated with these delightful duckling designs. You'll want to embroider a set for your kitchen and another for gift-giving.

No. 2361. A treat for your feet! Boot slippers are quickly made from gay plaid for every day wear, or rhinestone-trimmed velvet for special occasions.



No. 2470. Here is an unusual centerpiece for it may be crocheted in a round form or made longer by simply adding a group of three pansies to each side.

Designs are 25 cents each, coin preferred. You'll want our Needlework Album for selecting more designs. It costs 30 cents. Order by number. Address your letters to Pattern Department, Wallaces' Farmer and Iowa Homestead, Des Moines, Iowa.

The Farm Flock

FARMERS who sell eggs directly to consumers get higher prices for their eggs. But about 80 percent of Iowa eggs have to be sold outside the state. And few larger city consumers have a chance to buy eggs directly from producers.

▾ ▾ ▾

EGG MARKETING cost in the midwest is 21½ cents per dozen. This information comes as the result of a four month study made in the midwest by the Agricultural Marketing Service. The country receiving or assembly plant cost per dozen was 7.20 cents per dozen. This included farm pick-up, grading, cartoning, loading, supervision, supplies, commissions and miscellaneous costs. Transportation from country station to city receiving plant was 1.20 cents per dozen.

The city receiving plant took 3.25 cents per dozen for warehouse, trucks and sales and miscellaneous costs.

The retailer added 10 cents per dozen for his gross margin.

This may help explain why eggs cost so much more in a grocery store than you get for your eggs. But one Iowa co-op reports that their farm pick-up, grading, cartoning and transportation cost is held down to 5 cents per dozen. This represents a saving of 3.40 cents per dozen over the average cost in the marketing study reported above.

▾ ▾ ▾

LAYERS NEED plenty of fresh water. Maybe if you add another water fountain, you will get more eggs. Hens can't lay unless they get plenty of water. They won't eat enough feed to lay the maximum number of eggs without water. One good layer will eat about 100 pounds of feed and drink about 200 pounds of water in a year.

▾ ▾ ▾

EXTRA LIGHT for layers to make a 14-hour day is needed as days get shorter. Layers will produce more eggs if given the extra light. Longer daylight hours stimulate the egg producing organs in the hens.

▾ ▾ ▾

GRIT ADDED to ration for layers increases egg production and feed conversion, says Stanley Balloun, poultry nutritionist at Iowa State College. Hens receiving grit lay more eggs with less feed required per dozen than hens not receiving grit. Where grit was added to the mash-and-whole-grain ration, it increased egg production 10 percent over hens on the same ration without grit.

▾ ▾ ▾

EGG PRODUCTION was higher with the all-mash ration that with the grain-and-mash ration, either with or without the grit, Balloun reports.

▾ ▾ ▾

COLD WEATHER may result in damp litter in your laying house unless it's well ventilated and insulated. Wet litter means dirty eggs. And dirty eggs either must be cleaned or sold for less money.

Swift's Golden Neck Layers—early maturing, have high livability and extra hybrid vigor. Developed from selected strains for top production. A choice of two Golden Necks—No. 221 and 223.

PICKED FOR YOU BY PROFESSIONALS

Swift's Layers...bred for record on-the-farm performance

Swift's Layers are showing the way to new laying records in farm flocks across the nation. Take the Golden Neck 221, shown above—one of Swift's dual-purpose strains. A typical farm flock of 303 birds maintained 70.9 percent production over a nine-month period.

These layers are bred for money-making performance *in farm flocks . . . under farm conditions.*

They represent years of research and experimentation by Swift's professional poultrymen . . . under typical farm conditions . . . with parent strains chosen from America's top breeder flocks. Swift consistently provides farmers with real money-making chicks because Swift's Layers are bred for—

- *High on-the-farm laying performance.*
- *Sustained flock production at a high level in all seasons.*
- *High livability . . . both as chicks and as hens.*
- *Production of large, quality eggs that bring top prices.*

Nothing is left to chance. Swift's exclusive strains combine high production with unusual vigor and adaptability . . . to cut costs and boost income on your farm.

SKY-HI and GOLDEN NECK are trademarks of Swift & Company for chicks sold only by authorized Swift Hatcheries or through authorized dealers.

Blair, Wisconsin
Clinton, Iowa
Creston, Iowa
Grinnell, Iowa
Hampton, Iowa
Iowa Falls, Iowa
Keokuk, Iowa
LaCrosse, Wisconsin
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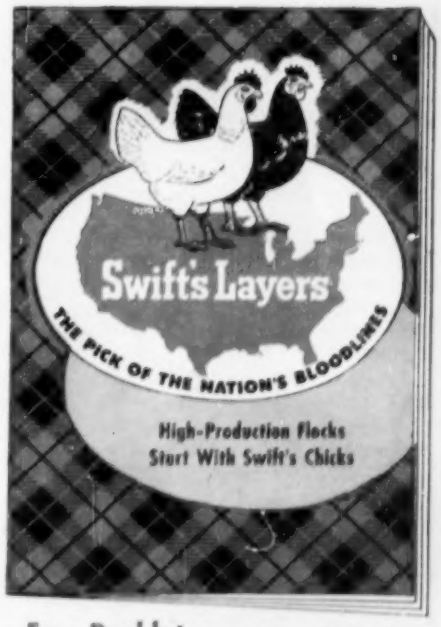

Free Booklet describes Swift's High-Income Layers

There's a Swift's Golden Neck or Sky-Hi layer for every need. For a complete description, write for this full-color booklet, or see your Swift's Chick Dealer. There are two Golden Neck layers—No. 221 and No. 223—and three Sky-Hi layers—No. 310, No. 312, and No. 314.

HATCHERY DIVISION

Swift
102ND YEAR

To Serve Your Farm and Family Better

Rod Gelatt's report of the news every morning is as crisp and fresh as your morning toast.*

Hear Rod with the latest news at

7:30 A. M.

Monday thru Saturday

Sponsored by

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Tuesday, Thursday, Saturday

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WHO . . . dial 1040

***Rod Gelatt—member of WHO's NEWS BUREAU . . . cited two consecutive years as the best radio news operation in the nation.**

There's no doubt about who lives down this road in Des Moines county, Iowa. Post is 4x4. Family names appear in metal letters tacked on wood strips.

Cut Feed Costs Of Producing Eggs

Wasted feed cuts egg profits. And egg prices aren't expected to get much better.

You may be able to cut your feed cost per dozen eggs by:

1. Eliminate rats from the laying house. Laying houses offer rats very attractive living quarters—water, feed and warmth.

Rats can enter the laying house thru tiny holes. Or they may even dig under the foundation. They'll get in if there's any possible way. And you may not know that rats are living in your laying house.

2. Fill feeders half full or less. Layers will bill feed out of the trough if you fill them too full.

3. Feed a balanced ration. About 16 percent protein in final ration.

4. Contact your feed dealer if your feed cost per dozen is too high. He may be able to help you find the trouble.

5. Adding more feeder space per hen. To get maximum egg production per hen, some poultrymen believe you need about six inches feeder space per hen. If you can get hens to eat more feed, chances are that you will get more eggs and lower your feed cost per dozen.

6. Be sure hens have plenty of water. Hens won't eat enough feed for maximum production unless they have access to clean, fresh water at all times.

7. Supply hens with insoluble grit at all times.

8. Feed only high-quality feeds. Cheaper low quality feeds may be the most expensive in the long run.

9. Eliminate worms. Drugs are available for worming layers.

10. Control lice and mites.

11. Insulate laying house. More feed is used to keep the body warm if temperature inside the laying house goes down.

12. Use only feed troughs that have lips to prevent feed waste.

MARKETING EGGS direct to consumers is the most efficient marketing system for egg producers. You get more per dozen if you can find the customers. But only about 20 percent of the eggs produced in Iowa are consumed here. The other 80 percent are marketed outside the state.

ANOTHER
AMES IN-CROSS
SUCCESS STORY

80 percent production at 6½ months

says Mrs. Yazel, Route No. 5, Plymouth, Ind.

"We have purchased Ames In-Cross chicks for the past 5 years. We would like to say that we have never had such good results with any other chicken. We have averaged 93% livability from baby chick to housing time. The birds have been coming into production at 5 months of age and at 6½ months they are laying 80%. Our egg records show that 75% of these eggs are large."

Here's the bird which consistently lays uniformly big white eggs.

AMES IN-CROSS '400' SERIES

Let your records prove that Ames In-Cross birds will mean more profit from your poultry operation. Ames In-Cross chicks have been INbred and CROSSbred over a 10 year period to combine and strengthen the most desirable traits a chicken can have . . . high consistent egg production, outstanding livability, excellent feed conversion and uniformity of egg size. Yes, you'll get all these traits in one bird with Ames In-Cross. Compare the performance of Ames In-Cross series '400' white egg layer with your present flock. Your own records will prove that in the Ames In-Cross '400' bird you get a profit winning combination that's hard to beat.

Plan to see your Ames In-Cross hatcheryman today.

AMES IN-CROSS

AMES IN-CROSS
5th and Grand, Des Moines, Iowa

Where to get

AMES IN-CROSS

chicks

IOWA

Altoona ..... Warren Hatchery
Atlantic ..... Fowler Hatchery
Avoca ..... Herrick's Hatchery
Belle Plaine ..... Bell Plaine Hatchery & Produce
Bettendorf . Devils Glen Hatchery
Birmingham . L. H. Nelson Hatchery
Breda ..... Buelt Hatchery
Britt ..... Schaper Hatchery
Burlington ..... Harold Miller
Centerville .. Stansbury Hatchery
Chariton ..... Odem Hatchery
Cherokee ..... France's Cherokee Hatchery
Clarion .... Isenberger Hatchery
Corning ..... Corning Poultry Farm & Hatchery
Cresco ..... Erdahl Hatchery
Decorah . Decorah Chick Hatchery
Edgewood ..... Fobes Hatchery
Farnhamville .. Rushton Hatchery
Fort Dodge .... Meeker Hatchery 631 1st Avenue
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Garrison .... Garrison Hatchery
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Guthrie Center ... Harold Beane
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MISSOURI

Canton ..... Canton Hatchery
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See **AMES IN-CROSS** advertisement at left

free coffee recipe booklet

"Fun with Coffee"

. . . new 32 page booklet gives world's finest coffee recipes for pies, cakes, breads, candies, sauces, frostings, exotic hot coffee and frosty coffee recipes. Includes serving suggestions, expert brewing instructions and interesting facts about coffee. Full color illustrations.

For your free copy write: Box 865, Central Station, St. Louis 1, Missouri

CHRISTMAS CARDS from your favorite negative on 4 ¼ x 5 ½ in. double-weight paper. 18 for $1.00 plus 6c postage; 36 for $2.00 plus 23c postage; 60 for $3.00 plus 36c postage; 100 for $5.00, postage paid. All Cards include envelopes to match. L. G. Eastman Studio, Dept. WF, Bode, Iowa.

INCREASE PRESENT INCOME

$75-up weekly. Dealers, farmers, agents—demonstrate nationally known Gro-Green Liquid Fertilizer Nutrients. Results Guaranteed. Full-size line. Samples FREE. Campbell Co., Rochelle 215, Illinois.

Low step was welded to tractor for convenience in climbing off and on. Used by the Fricke Bros., Henry county, Iowa. The step was made of scrap metal and is attached to the regular bolts of the tractor axle housing.

Don't Grind Hay For Cows

You lose feed value when you grind hay for cattle.

That report comes from researchers at the University of Wisconsin. They recommend chopped or long hay for cows. But they advise against grinding.

Wisconsin tests show that grinding actually lowers the value of hay—probably because it goes thru the cow too fast.

Other Wisconsin tests have shown that the fat test of milk drops sharply when cows are on rations containing all ground roughage or when they get only small amounts of roughage.

Insects In Your Grain Bins?

Check for insect activity in your grain bins at least once a month during winter.

That advice comes from Dr. Harold Gunderson, insect control expert at Iowa State College. He says cold weather won't stop such troublemakers as weevils, beetles, moths, cadelle and branbugs which thrive on stored grain.

You can check on insect activity by taking the temperature at a depth of about two feet below the surface. If the temperature is 65 degrees or above when outside temperatures are at freezing or below, the grain may be in danger.

A second check is to probe the grain bin—and look for the insects.

If insects are causing the grain to heat, your first step is to rake or shovel the grain to stimulate cooling and drying.

Fumigation should be considered if stirring the grain fails to halt insect activity. Recommended fumigants include carbon tetrachloride, a mixture of carbon tetrachloride and ethylene dichloride or a mixture of carbon disulfide, carbon tetrachloride and sulfur dioxide.

Apply the fumigant at the rate of five gallons per 1,000 bushels of grain, Gunderson suggests.

DRY YOUR CORN NOW!

The steam surrounding this Habco "400" shows the moisture being driven out of every part of the wet grain uniformly, rapidly and efficiently.

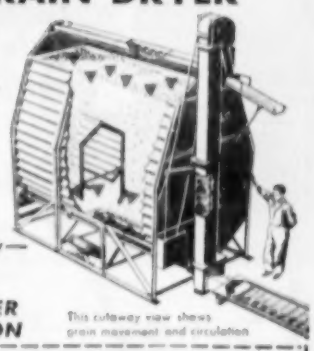
...dry the **EXTRA-PROFITS** way with **HABCO "400"**

RECIRCULATING GRAIN DRYER
with Positive Feed Rolls

FOR BETTER DRYING, BIGGER RETURNS, ONLY HABCO OFFERS:

- Complete recirculation through positive feed rolls; grain continually moves through drying columns. Wet spots, hot spots eliminated.
- 100% thermostatic control for complete safety—20% faster drying.

LP Gas Burner—PTO Drive—400 Bushel Capacity—Complete with Conveying Equipment



This cutaway view shows grain movement and circulation

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year 'round on our 700 laying hens is what we're after and we get it by sticking to a FELCO Feeding Program," says Mrs. James Mitchell of Lake Park. Besides getting top production, Mrs. Mitchell also buys her FELCO at low cost from her local farmers cooperative. More than 130,000 Iowa farmers buy FELCO cooperatively to insure the best quality at lowest possible prices. Why don't you give FELCO a try? Available only at your local farmers cooperative.

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CLEAN EGGS grade higher, bring more money. New E-Z-Way Electric Washer fits your budget. Capacity 800 eggs per hour. Write for full information about our Free Trial Offer. Olson Manufacturing Co., 610 Broadway, Albert Lea, Minnesota.

New BEAR CAT COMBINATION Grain and Roughage Mill also Ensilage Cutter

with Adjustable Drop-Apron FEEDER

Trailer Mounted for Power Take-Off

Furnished either with or without drop apron feeder and power take-off with trailer as shown. Grinds any feed, green, wet, or dry, snapped or ear corn, roughage bundles or baled flakes, with ordinary farm tractor, — and no monkey business. Has both cutter knives and heavy swing hammers.

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DRINKING WATER WORMER

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Genuine full strength Walko Piperazine Drinking Water Wormer gets large roundworms fast! Non-toxic, simple to use — just add to drinking water. No fasting, no drenching, no powders, nothing to mix with feed. No upset to feeding program. Even weanling pigs keep right on eating and gaining faster than ever — also best for worming sows before farrowing.

Insist on Walko Piperazine Drinking Water Wormer — now at your druggist or animal health dealer.

. . . and a wonder wormer for chickens and turkeys, too. No fuss . . . no mess . . . pays for itself hundredfold. Just add to drinking water for 1 day flock worming.

Satisfaction Guaranteed!

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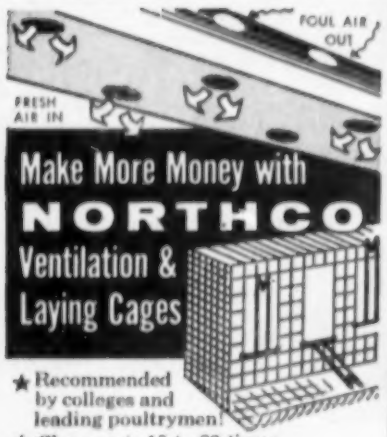

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FREE . . . New cage laying book! Write Dept. W-7

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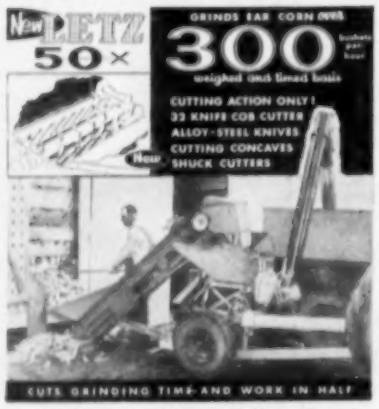
New LETZ 50× GRINDS EAR CORN OVER 300 bushels per hour weighed and timed basis



Faster, *better* feed preparation. *First* to *grind 300 bushels of ear corn hourly! First in high quality of grinding!* Kernels, cobs and shucks all uniformly reduced and mixed. No sorting possible. No "flouring." No shuck ribbons nor uneaten cobs. New cutting action—*cutting action only*—does it!

MORE EARNING POWER—MORE VALUE

The only *real* "all-around" grinder. Does the tough jobs, from high-moisture ear corn to cross cutting the hulls of oats, *without clogging!* Grinds ear corn—oats *mixtures!* Letz grinders **DO** more, **EARN** and **OFFER** more. Exclusive features, heavier construction, *at far less cost per pound*, explains greater **VALUE**. Ask your John Deere dealer to demonstrate all livestock prefer Letz ground feed.

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WANTED—Horse hair wanted. Tail and mane. Write for offer. STURGES COMPANY, 2630 "N" STREET, OMAHA, NEBRASKA.

ALLIS CHALMERS and FARMALL owners, save 40%. Buy your Manure Loader direct from factory. VAUGHN MFG. CO., ST. PETER, MINN.

Workday pointers

FARM RECORDS in shape? If they're not complete, it will be easier to put them up to date now than at tax reporting time next January or February.

▼ ▼ ▼

SLOW GAINS or poor production will result if cattle do not have salt before them at all times.

▼ ▼ ▼

BACKFAT THICKNESS on a boar must be considered along with age of boar and how he's been fed. It means little otherwise.

▼ ▼ ▼

FINAL DATE for sign-up in the 1956 Conservation Reserve program under the soil bank is November 30.

▼ ▼ ▼

MILK COOLING UNIT is needed in winter, says Earl Wright, Iowa State College dairyman. You can't count on rapid enough cooling from the variable air temperatures.

▼ ▼ ▼

PEN BREEDING of sows and individual records will save time and pigs at farrowing.

▼ ▼ ▼

TO "FLUSH" SOWS before breeding, increase grain ration about a week before the heat period is expected.

▼ ▼ ▼

HERE'S A PLAN for putting cattle on full feed of shelled corn: Start with one pound per head per day plus the full daily ration of protein feed. Add one pound of corn per day until cattle are getting a pound of corn each day for each 100 pounds live weight. Then add a pound of corn each half week. That will get 700 pound cattle on full feed in about six weeks. If you feed ground ear corn, you can cut the time required in half.

▼ ▼ ▼

DANGER POINT in putting cattle on full feed of corn is just as they get to full feed. Measure grain carefully at that time, and increase slowly.

▼ ▼ ▼

HEATED FARM SHOP makes it possible to do a lot of jobs in the winter that save time in the crop season. Tools of all kinds can be sharpened and repaired.

▼ ▼ ▼

SOIL AROUND shrubs and evergreens can be soaked with water any time before the ground freezes. Mulch around trees or bushes will help hold the moisture. But mulch should not be piled against the base of trees or shrubs. That may invite damage from rodents.

▼ ▼ ▼

RATS WILL NOT BURROW under cement floors if floors are poured on a mixture of gravel and broken glass, says Mrs. Paul Hurn, Kossuth county, Iowa, in the Dairy Production Testing Letter.

▼ ▼ ▼

MIX YOUR OWN concrete? Dale Hull of Iowa State College recommends one part cement, one part sand and two parts gravel. This mixture is suggested for feeding floors.

WHEN NEW TILE lines are installed, make a map of each 40 acres showing exact position of the tile. Then put the map with your papers so it can be found 10 or 20 years from now if needed.

▼ ▼ ▼

WILLOW, ELM or cottonwood trees within 75 feet of a tile line may cause the tile to become clogged. Winter is a good time to remove the trees. Then stumps should be treated with chemicals to prevent sprouting.

▼ ▼ ▼

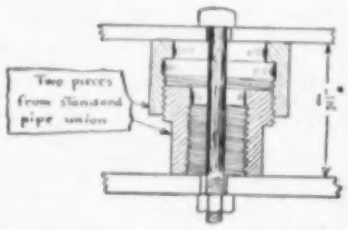
HOW VENTILATE POULTRY house if there's no fan? Close the north, east and west sides tightly, says Joe W. Sicer, Indiana poultry specialist. Open south windows wide and leave them open until water begins to freeze in the building. Then close part of the windows but not all. Open them again when the cold snap passes and no freezing is noted.

▼ ▼ ▼

WINDOWS FOR ventilation in hog and poultry houses should be about six feet above the floor if possible. Then moist air will move out more rapidly, and there's less chance of draft on the floor.

▼ ▼ ▼

OLD PIPE UNIONS can be used as a shim or block when such things are needed. Advantage of the union is that it can be tightened or loosened after it is in



place. About a quarter-inch adjustment is usually possible. For longer distances, a nipple and coupling can be used in the same way. Adjustment is made by turning the coupling.

▼ ▼ ▼

MIX SOME OTHER grain with your oats for mash to feed laying hens. Oats are too bulky when used alone.

▼ ▼ ▼

YOU MAY STOP the spread of pinkeye in cattle if you isolate the first one you see with watery eyes.

▼ ▼ ▼

GRAIN IN BINS should be checked in late fall for signs of insect activity or spoilage. Harold Gunderson, Iowa State College entomologist, says temperature of 65 degrees in the middle of a bin at this time of year indicates danger. Insects may be present, grain may have been stored too wet, or there may be a leaky roof.

▼ ▼ ▼

GRAIN TEMPERATURE in bins can be taken by fastening a thermometer in the end of a stick. A regular probe can be used to find if there are insects present. Insects can be killed by fumigation. Wet grain may have to be moved.

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LEGHORNS

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Put H&N "Nick Chick" Leghorns to work in *your* laying house. It is there that H&N's continuous search for perfection through scientific research in genetics and disease really pays off. *Order today!*

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FARM SALE — WEDNESDAY, NOV. 21 at 11:00 A.M. at farm 5 miles east and 2 south of West Point, Nebraska, or 8 west, 1 south of Oakland. 3 tractors, full line of machinery. 15 cows. 180 feeder pigs. 60 cows. DENNIS P. JOHNSON, Owner, WEST POINT, NEBRASKA.

SPARKY SAYS

Does your mail box meet postal standards?

This article on regulations for rural mailboxes was prepared by Norm Krausz, professor of agricultural law at the University of Illinois.

THE city mailman has dogs to contend with along his route. The rural carrier has mailboxes.

Mailboxes furnished by farm people vary in size and description, sometimes need repair and are occasionally located in a bad spot for the carrier.

You may not know that rural carriers are not obligated to put mail in boxes that fail to meet postal department standards.

What are these standards?

1. The box must be a certain size. At present three sizes are approved by the department—Nos. 1, 1A and 2. The No. 1 box is 19"x6½"x8½"; No. 1A is 21"x8"x 10½" with a letter slot in the door; and No. 2 is 23½"x11½"x 13½". Boxes of these sizes are commercially available.

2. The box is to be mounted on a wood, metal or concrete post of "neat design." The post may be round, square, plain or ornamental, but supports in the form of effigies or forms intended to represent figures or mechanical objects of any kind are prohibited. The box should be so mounted that its floor is 3½ to four feet above ground level. A newspaper receptacle on the post is permitted.

3. The box and post should be painted white, but aluminum is permissible. The owner's name is to appear on the box in black or red letters at least one inch high. Advertising is not allowed on the box or post.

4. The box should be equipped with a flag or signaling device to indicate that mail is to be picked up. If the signal is not used, the carrier is not required to stop and look for outgoing mail..

5. Mailboxes are to be located on the right-hand side of the road so that the carrier need not cross the oncoming traffic lane. The "pull-off" area should be clear and unobstructed, and it is the patron's duty to keep it in such condition. The box should not project into the space used for travel on the highway. If on a paved road, it should be set back to allow a reasonable "pull-off" area.

These two other provisions are also of interest:

1. Willful and malicious injury to a mailbox or breaking open a mailbox is punishable by fine (up to $1,000) or imprisonment for not more than three years.

2. Anyone who willfully places mailable matter in a mailbox without postage, either for receipt or delivery, with the intention of avoiding payment of postage, shall be fined up to $300 for each offense. This is intended to prevent using mailboxes for free advertising.

THE MAN WHO pokes fun at a woman trying to drive thru a 12-foot garage door usually sobers up when he tries to thread a needle.—Corn Belt Lamb Feeder.

when your cow has mastitis treat the whole disease

Protect your dairy profit by treating the inflammation and the infection

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CORBIOT*

the first scientific combination containing hydrocortisone and three antibiotics for total treatment of mastitis

CORBIOT lessens inflammation in the mastitis udder by the action of hydrocortisone. This helps preserve the milk flow. It also acts to prevent formation of scar tissue which is the cause of lumps and knots in permanently damaged quarters. CORBIOT attacks infection promptly with the combined action of 3 powerful but gentle antibiotics (neomycin, polymyxin and penicillin). CORBIOT mixes readily with the milk in the udder, so these healing ingredients can penetrate up into the milking tissues.

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Available from your veterinarian and druggist in 10 Gm. tubes

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Your veterinarian is your first line of defense against animal diseases. Consult him in regard to your animal health problems.

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Lester Pfister ON DEEP PLOWING

Jerry Pfister, left, and Lester Pfister measure deep-plowed furrow. Four bottom Towner 44" disk plow they used is in background.

PFISTER HYBRID CORN CO. The 187 HYBRIDS EL PASO, ILL.

Fall plowing 18 to 22 inches deep produced a wide variation in the rate of plant growth early in the following season. Apparently this was due to lack of organic matter and plant food in the plowed-up sub-soil. This variation decreases gradually each year when stalks and nitrogen are plowed under. A low fertility top soil should **not** be plowed under. Water absorption and retention were substantially increased by deep tillage.

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10:00 P. M. NEWS

Monday through Sunday

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"Voice of the Middle West"

sponsored by

CONSUMERS COOPERATIVE ASSOCIATION

MORE FARMERS are using soil insecticides. Only about 25 acres were so treated in 1951. But three years later, about 600,000 acres were treated with soil insecticides. Well over half of this was done with fertilizer-insecticide mixtures.

OVER the past 20 years, 21 percent of Iowa State College agricultural graduates have gone into farming or farm management.

LAST YEAR the number of Iowa boys and girls enrolled in 4-H work passed the 50,000 mark for the first time.

ABOUT 40 percent of the oat seed planted in Iowa is treated. Treating usually increases yields by about three bushels per acre.

OATS GROWN in tests at Ames required a certain number of heat units for maturity. Heat units are degrees of daily average temperatures above 40 degrees F. This applied regardless of planting date during April and May. Early varieties required fewer heat units than later varieties.

OAT TILLERING (stooling) can be increased by adding high levels of nitrogen. Wide-spaced plants produce more tillers than crowded plants.

IOWA'S county extension workers distributed 819,728 publications direct to individuals last year.

A MATURE apple tree will have about 100,000 leaves. It will use about four gallons of water per hour during part of the summer.

VITAMIN B_{12} content of cow's milk is the same regardless of what the cow eats. And it is about the same for both Holsteins and Jerseys. That's according to USDA reports.

HAVE A POND that leaks water? Then a plastic liner may be the answer. Recent USDA studies found promise in plastic liners for both ponds and irrigation ditches.

AVERAGE investment in machinery was $15 per acre 40 years ago. Now it is about $75 per acre, according to Oklahoma A&M College.

Enjoying MORE Winter Comfort

WITH GREEN COLONIAL HEATING

Every room in your home will be more healthful and comfortable for your family after you have a **Green Colonial** furnace installed. Clean, fresh heat is evenly delivered throughout every room. Your fuel costs are lower because no heat is wasted with a **Green Colonial** installation. Yes, for the most advanced way to modern home comfort, see your local Green Colonial dealer . . . or write the Green Colonial Furnace Company for more information.

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NO DOWN PAYMENT
5 years to pay

Green Colonial Furnace Company, Des Moines, Iowa

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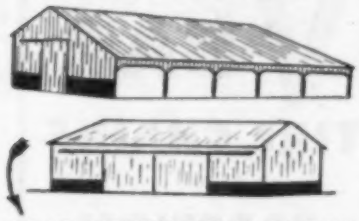

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Uses 110 Volts
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WRITE GEO. A. ROLFES BOONE, IOWA

Carlson HAMMERMILL DRIVE WITH THE NEW POLY-V BELT

20" Drive Pulley for tough milling jobs. No Slip Poly-V Belt has strength-simplicity of flat belts, plus high V-groove grip and positive tracking of V belts. Delivers up to 50% more power than a multiple V-belt drive of equal width. Self aligning pillow block bearings insure carefree performance. Save time—Save money—Order from your dealer or write to:

CARLSON & SONS BERESFORD, SO DAKOTA

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WHY SUFFER

—AsthmaNefrin* Pocket-Size Nebulizer and Solution 'A' *Inhalant provide quick, safe relief from the symptoms of Bronchial Asthma. Only $6.75 for Pocket-Size Aerosol Unit. Ask your local druggist for AsthmaNefrin and stop agonizing asthma spasms. Follow directions for best results. For literature write P. O. Box 4319, Portland 8, Oregon, Dept. 27

*Reg. Trademark

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with Midwest Minerals and Concentrates. Company backed by 34 years. Farm dealers and salesmen wanted. Ample territory.
MIDWEST MINERAL PRODUCTS CO., GRINNELL, IA.

Visits With Your Vet

What You Can Do For "Water Belly"

Every year, a number of cattle feeders run into trouble among their feeders known as urinary calculi or "water belly."

This is caused by the formation of minerals or stones in the urethra of the steer. These stones prevent normal release of urine. The bladder fills up, and urine seeps thru the bladder wall into the abdominal cavity.

The steers cannot pass the stone, and usually the stone can't be removed with instruments.

A veterinarian can open the urethra below the tail. This allows the urine to escape.

Exact cause of the calculi is not known. It is thought they are due to a vitamin A deficiency, infection, or hard water. There is no exact preventive or treatment known other than surgery.

Death Loss In Feeder Lambs

Most veteran lamb feeders expect a certain death loss when they ship in some feeder lambs.

Four of the more common diseases encountered in recently shipped feeder lambs are coccidiosis, shipping pneumonia, paratyphoid infection and gastro-intestinal parasitosis.

Here are some suggestions for handling lambs that will help prevent weakened lambs with little resistance to disease:

1. Lambs should not be shut up in railroad cars for more than 36 hours, without feed, water or rest.

2. The rest period should be 10 to 30 hours.

3. Three hundred to 400 pounds of good hay, preferably grass hay, for each deck of lambs should be the minimum feed during the rest period.

4. Lambs should be rested and fed under shelter with four feet of space available for each 50-pound lamb. At least 25 percent of the lambs at a time should be able to get to a water trough with running water.

After you get the lambs home, let them rest at least three weeks before drenching them for parasites or vaccinating them for enterotoxemia.

Health Hints For Bred Gilts

1. Little corn and forced exercise prevents pigging trouble next spring.

2. Spray gilts for mange and lice anytime. Use water solutions, not oil.

3. Watch for abortions and gilts coming back in heat. If this happens, check for brucellosis and leptospirosis.

4. Nose bleeding in gilts may be a sign of rhinitis.

5. Stiffness, lameness, swelling of the joints may indicate erysipelas.

6. Don't breed gilts when they have the flu.

New Hog Feeds Guarantee You Lower Costs

Now you can finish out your hogs on a feeding method that is **guaranteed** to cut costs—or the manufacturer will pay you the difference between his method and ANY other—if you can feed your hogs for less. This new feeding method has been tested for over two years and is based on a new concept in the use of amino acids. Tests indicate that hog raisers can save up to 50% on "out-of-pocket" costs for feed supplements from 100 lbs. to market.

HOW IT CAN BE DONE

It has long been known that a balance of essential amino acids is necessary for efficient use of proteins. Recent studies have shown that among all amino acids, Lysine, Tryptophan and Methionine-Cystine are the three that are most likely to be deficient in a feed, thereby limiting growth. In tests with feeds containing stepped-up levels of these three amino acids, it was found that proteins would balance much more grain, feed conversion was much higher, and hogs showed much better growth.

CHEAPER PORK GUARANTEED

Because the application of "Balanced Amino Acid Utilization" has resulted in such tremendous feed savings, Foxbilt Feeds, who are now making these feeds commercially, have decided to back their claims with a guarantee that would absolutely assure lower feed costs to every hog raiser who tried this method.

AVAILABLE NOW!

There are two high level amino acid pre-mixes available for use with this guarantee. FOXCENTRATE "45," a special 45% pre-mix developed for feeding with corn and oats, and PORK MAGIC, a 42% pre-mix for feeding with corn alone.

EASY TO QUALIFY

To qualify under this guarantee, you must announce your intentions to your local Foxbilt dealer at the beginning of the test, at which time the Foxbilt representative will check with you as to the ration to be used, and the guarantee will then be confirmed in writing by Foxbilt, Inc.

ALL YOU NEED DO IS — split your herd in half, feed half the group Foxcentrate "45" or Pork Magic from 100 lbs. to market—and the other half ANY RATION you care to feed. Foxbilt will then guarantee lower cost of production on the basis of actual cost records — and if they lose, they will refund the difference in the cost of producing said pork — therefore, YOU CANNOT LOSE.

HERE'S WHAT YOU GET WITH THIS GUARANTEE

Hog raisers who want to feed with corn and oats, will use FOXCENTRATE "45" pre-mix. In feed tests under average farm conditions, total feed costs for putting 100 pounds of gain on a hundred pound shoat averaged from $7.67 on pasture to $9.82 in dry lot. Using PORK MAGIC pre-mix with corn alone, total feed costs per hundred pounds of gain were $7.64 on pasture to only $9.72 in dry lot. If these low costs look good to you — remember, Foxbilt Feeds GUARANTEES to CUT costs compared with ANY other feeding method, or PAY YOU the difference.

GET THE FACTS NOW!

Ask your Foxbilt Dealer or representative, or write to FOXBILT FEEDS, Des Moines, Iowa. DO IT TODAY!

MEAT-TYPE BOARS

You can increase the performance of your herd and get true MEAT-TYPE blood into your herd by using Minn. No. 1, Minn. No. 2, Mont. No. 1, and In-Cross Boars. These boars would ordinarily sell for $125 to $150. NOW you can LEASE them from Foxbilt Feeds on the most attractive lease proposition ever offered. Your cash outlay is only $3.75, and there's no risk for you. If the boar dies, it's Foxbilt's loss. For complete information, write Dr. Williams Hugh, Foxbilt Feeds, Des Moines, Iowa. (Advertisement)

"Baciferm solved my annual scouring problem in just 3 days!"

Year after year, the scouring problem plagued Mr. Francis Ryan of Clinton, Iowa. He even purchased older pigs and tried to finish them, but still they scoured. Last winter, after one group of 100 Hampshires "broke" three times and a dozen pigs died, Mr. Ryan added Baciferm-PB at high levels to his regular feeds. The scouring ceased in just 3 days. Baciferm had solved his annual scouring problem. No other scouring appeared.

Mr. Ryan's story is typical. Baciferm-PB is an antibiotic supplement containing bacitracin and penicillin. This combination is effective in fighting infectious swine enteritis, stimulating appetites, speeding recovery and reducing mortality. Baciferm-PB saves you 25% over cost of other antibiotics and also gives you a bonus of extra vitamins and unidentified growth factors. See for yourself. Ask your local feed dealer for Baciferm-PB.

CSC BACIFERM®-PB

(BACITRACIN ANTIBIOTIC SUPPLEMENT)

HIGH-LEVEL FEEDING AT LOW-LEVEL COST

Animal Nutrition Department

COMMERCIAL SOLVENTS CORPORATION

260 Madison Avenue, New York 16, New York

FEEDS 100 STEERS IN 3 MINUTES

- Handles any grain . . . ground or whole.
- Handles any forage . . . green or dry or silage.

NEW REVOLUTIONARY Calhoun BUNK FEEDER AND BEATER UNLOADER

Complete with Calhoun box . . . or we supply specifications for building your own box.

ONLY CALHOUN GIVES YOU ALL THESE EXTRAS

- 3 unloading speeds, plus variable speed of tractor.
- 3 beaters to tear up and distribute forage evenly in blower, pit or surface silo, or feed bunks. Mix while unloading.
- Conveyor operates at any height up to 45°. Enclosed bottom prevents loss of feed.
- Clutch-operated slat bottom moves on endless chain.

SEE YOUR WALSH DEALER OR WRITE FOR LITERATURE AND LOW PRICES

Walsh MANUFACTURING COMPANY

CHARLES CITY, IOWA

Feed STANDARD'S POULTRY STANATRATE

for Healthier Poultry

STANDARD CHEMICAL MFG. CO., OMAHA, NEBR.

QUIPS AND QUOTES

"**WE KNOW** of some people who if they were cured of their ailments, would immediately invent new diseases." — Lake Mills Graphic.

"**THE THING** which interest us most are usually things that are none of our business."—Rolfe Arrow.

"**HE ENTERED** the office of a noted divorce lawyer. 'I want to know if I have grounds for a divorce,' he said.

"'Are you married?' asked the lawyer.

"'Of course,' was the answer.

"'Then,' pronounced the legal expert, 'you have grounds'."—Dayton Review.

"**DRUGSTORE CLERK** — 'Did you kill any moths with those moth balls I sold you the other day?'

"Customer—'No, I tried for five hours, but I couldn't hit one'."—Schaller Herald.

"**BEHIND EVERY** argument is someone's ignorance." — Manning Monitor.

"**A MAN** arrested for stealing a car gave the novel excuse that he found it standing in front of a cemetery and thought the owner was dead."—Adair News.

"**THE ETERNAL** triangle: income, overhead and upkeep."—Walnut Bureau.

"**THINKING IS** the hardest work there is, which is the probable reason why so few engage in it." — Henry Ford." — Cherokee Courier.

"**IT'S BEEN** observed that the one best thing about silence is that you can't be misquoted on it."—W. Earl Hall in Mason City Globe-Gazette.

"**A VERY** stern father asked, 'Say, young man, it is way past midnight. Do you think you can stay with my daughter all night?'

'Gosh,' exclaimed the innocent young man, 'I'll have to phone my mother first.'" — Schleswig Leader.

"**IF THERE'S** a tie between father and son, chances are the son is wearing it."—Ham Park in the Walnut Bureau.

"You said not to walk thru with muddy feet!"

WEED V-BAR TIRE CHAINS • TRACTION when you need it ...for cars or trucks

Chains are Best on Snow or Ice

• Here's traction you can trust *when you need it*—to stop safely, and to keep from getting stuck. Just look at the V-Bars on these genuine WEED CHAINS. Slanted left and right, 288 or more steel gripping points stop you shorter, straighter, safer. And *Zip-On* Appliers help you put on chains easier and faster—you just drive your car or truck into the chains. Get your WEED V-BAR TIRE CHAINS and *Zip-On* Appliers today —while dealers' stocks are complete.

Use Year-round Tires When Roads are Clear

• Carry WEED CHAINS in the trunk and enjoy the complete comfort of your modern car and its year-round tires. Then, when roads are icy or snowy, your chains give you traction you can trust. When the need is past, take them off till next time. Drive economically, comfortably, safely—all year round!

• • •

ACCO American Chain & Cable Company, Inc., Bridgeport, Conn. In Canada: Dominion Chain Company, Ltd., Niagara Falls, Ont.

In Business for Your Safety

Farm News Briefs

RABBIT HUNTERS are warned to watch for signs of tularemia, or "rabbit fever," in rabbits they may shoot. You can catch the disease by handling infected rabbits, says Dr. John B. Herrick, Iowa State College veterinarian. In an infected rabbit, signs of tularemia may include greyish-yellow spots on the liver or spleen, or enlarged or abscessed lymph nodes. It's always wise to wear rubber gloves when skinning or cleaning a rabbit, Herrick says. Tho tularemia is not as widespread now as it was a few years ago, it is still wise to take precautions.

Meat of rabbits should be cooked thoroly before eating. This will destroy any disease organisms that might be present.

▼ ▼ ▼

FOUR YOUNG IOWA farm people left this country last month to serve as "grass roots ambassadors" in foreign countries. Paul Wilbur Knode of Chester went to El Salvador. Rollie Henkes of Farmersburg left for Chile. Ronald Paasch of Walnut went to Argentina. Marilyn Faye Wachtel left for Australia. These four Iowans are among the 125 young farm people that will spend six months with farm families in foreign countries as a part of the International Farm Youth Exchange.

▼ ▼ ▼

LOANS on nearly three million bushels of Iowa's 1956 crop soybeans were obtained during the first month of price support operations. This announcement comes from Max M. Soeth, chairman of the state Agricultural Stabilization and Conservation committee. Producers have until January 31 to get loans or purchase agreements on 1956 crop soybeans, Soeth says.

▼ ▼ ▼

MISSOURI, Iowa and Illinois led all other states in registrations of purebred Angus cattle during 1956. This announcement comes from Frank Richards, Angus association secretary. Those three states also led the nation in sales of purebred Angus.

▼ ▼ ▼

IOWA WOOL producers will receive a total of about $2½ million in the first year of payments from the federal government's wool incentive program. This statement comes from C. C. Glenn, administrative officer of the state ASC office. Total payments to wool producers in the nation will come to about $52 million.

▼ ▼ ▼

COMING EVENTS: Harvest Home Sunday, November 18; International Livestock Exposition, Chicago, November 23-December 1; National 4-H Club Congress, Chicago, November 25-29; Annual meeting Iowa Farm Bureau Federation, Des Moines, November 26-28; North Central Weed Control Conference, Chicago, December 10-12.

WRIGHT POWER SAW

The world's safest power saw! Does 1001 jobs around the farm: fells, limbs, bucks, undercuts; cuts firewood, strips silage, hay stacks; clears land, strips bark, does *precision* mill-edge cutting. Pays for itself over and over again.

Thousands sold for $219.50
SAME SAW—SAME QUALITY . . . NOW ONLY
$179.50 including blade

f.o.b. factory, Sheboygan, Wis.
Price applies in U.S. only.

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WRIGHT POWER SAW AND TOOL CORPORATION
Subsidiary of THOMAS INDUSTRIES, INC., 410 S. Third St., Louisville 2, Ky.

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☐ Send me information on the Wright Saw and where I can buy it in my area.

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Reading the Advertisements . .

—tells you what to buy and how to get most value for every penny spent. A dozen needs arise on your farm every week. Knowing which machine, which tools, which automobile, which suite of furniture, which cooking fuel is the best for the price you pay, will save money otherwise thrown away. Perhaps as little as twenty-five cents a week—perhaps a hundred dollars a single purchase.

Wallaces' Farmer and Iowa Homestead

FIND THE "CHAMPS" IN THIS PICTURE

Photo taken at Marpendale Farms, Ripon, Wisc. Typical of owner Victor Rhein's (left) experience using Deep Rock products is this comment: "Our International T-9 Crawler is going into its sixth year, and its motor has never been touched."

No doubt you spotted the Holstein bull in the above photo as a champion. That's Marpendale Colonel, prize winner at fairs held this year at Fond du Lac and Rosendale, Wisc.

The other "champ" is Deep Rock Special All-Season Motor Oil!

We could fill pages telling you about this oil's "pedigree" . . . how it's made from Oklahoma's best sweet crude . . . processed in one of America's most modern lube plants . . . and fortified with all the additives required for dependable engine maintenance at any temperature.

But the proof of Deep Rock Special's championship quality is the Warranty you see Deep Rock Man Larry Novitske holding in the picture.

This Warranty is backed by the $1,000,000 ENGIN•SURANCE Bond which guarantees the *perfect* performance of Deep Rock Special and Deep Rock Air Race HD Motor Oils in engines.

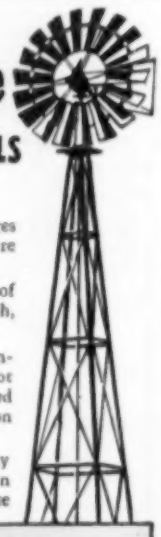
There's no extra cost for having your cars, trucks and tractors registered in the ENGIN•SURANCE Program. For full details, see your Deep Rock Man.

The STOP... that keeps you GOING

DEEP ROCK

Petroleum Products by Kerr-McGee Oil Industries, Inc. Oklahoma City, Oklahoma

FASHIONS may change



...but AERMOTOR WINDMILLS are ALWAYS IN STYLE!

The high quality, dependable Aermotor assures a constant, inexpensive source for water where you want it.

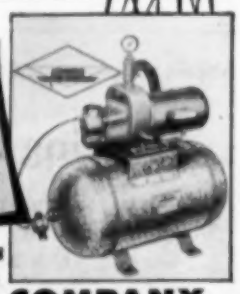
Perfect alignment and careful balancing of the unusually efficient wheel insures smooth, easy turning in even the lightest wind.

The sturdy Aermotor is so ruggedly constructed that even hurricane winds cannot damage it. Only an annual oil change is needed to keep the mill in perfect operating condition for many years of trouble-free service.

Visit your nearest Aermotor Dealer and see the many extra quality features of the Aermotor. Let him show you how you can obtain an economical, dependable water supply for all of your needs. Or write for free illustrated literature.

OTHER AERMOTOR PRODUCTS

THE New "Bud-Jet" PUMP is a high quality, low cost electric pump especially designed for farms, small homes and summer cottages. Ask your Aermotor Dealer about it!



SINCE 1888

Manufacturers of Quality Water Systems

AERMOTOR COMPANY

2500 W. Roosevelt Road—Chicago 8; Illinois, U.S.A. Dept.9EN11

SAFETY FIRST!! Do your buying from firms advertising in Wallaces' Farmer and Iowa Homestead. If you do not find in Wallaces' Farmer and Iowa Homestead the articles you want to buy, just let us know what you want and we will be glad to give you names of reliable firms.

Voice of the Farm

Against Limits On Speed

To the Editor: Did you take that speed limit poll in an old folks' home?

I say let's leave Iowa's "reasonable and proper" law alone. It is the only sensible way to regulate speed.

Some of the other states have obsolete speed limit laws passed in the days of the model A. In those states, you have two choices: Drive legal and have everyone passing you, or keep up with the traffic and worry about police and radar traps. Either way, it's a relief to get back to Iowa and concentrate on driving. . . . In Iowa, the traffic seems to move slower.

Is Iowa's accident rate higher than in states with speed laws? . . . . I suggest two laws that would reduce fatal accidents:

1. Require all vehicles to have a solid bumper on each end, low enough to match automobile bumpers. And require all new cars to have safety belts.

2. Any drunk causing an accident should have his license revoked for life.—Dan Potter, Dubuque county, Iowa.

All Wallace-Homestead Polls attempt to reflect opinions of a cross section of farm people. Folks of all ages are questioned. Proportion of people in different age brackets is approximately the same as shown by census reports.—Editor.

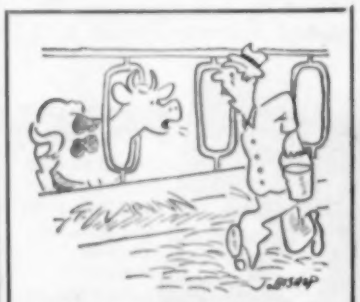
From Consumer's Standpoint

To the Editor: It is generally acknowledged that the farmer is not receiving a fair return. But if he is to receive more money, someone must pay the difference.

So it seems to me that the consumer should think. . . .

Would he rather pay the higher prices which would be demanded of him by big business farmers or by a union of farmers and which would be increased greatly by the cuts taken by wholesalers, retailers and transportation? Or would it be cheaper to raise the farmer's income by government subsidy until demand catches up with the supply?

The subsidy is paid from taxes which are shared by everyone—consumers, farmers, corporations. But higher food prices are paid by the consumer alone. —LaVere Conger, Sac county, Iowa.



"Aw dry up. . . . Oops, what am I saying."

You're Never Too HOT — Never Too COLD — with COMFORT HEATER

Canadian Pat. No. 471,256
U. S. Pat. Nos. 2,452,834; 2,461,974 2,631,057

"CLIMATIZED" DESIGN

This new design lets you adjust temperature and protection to the weather.

IT'S UP! Exclusive Slide-Down Windshield in raised position gives maximum face and chest protection.

IT'S DOWN! On milder days, just slide windshield down. Save time when passing under obstacles, too.

Stationary model is also available

ONLY COMFORT HEATERS OFFER "CLIMATIZED DESIGN" THROUGHOUT

- **For Normal Protection**—COMFORT's low cost Basic Unit is complete **less windshield.**
- **For Crosswind Protection,** COMFORT Windshield Extensions are low cost and easy to add to Windshield.
- **For Severest Weather,** you can convert your COMFORT Heater to a low cost, heated tractor cab by adding the Cab Top to Windshield and Extensions.
- **You Can Adjust Warmth** easily by folding down or removing the Motor Panel.
- **Cold or Warm Days,** the COMFORT Side Wings can be closed around you or opened wide for ventilation.

Windshields, Extensions and Cab Top are optional at small additional charge.

SEE YOUR COMFORT DEALER or Write for Details

COMFORT EQUIPMENT COMPANY
2609-N Walnut, Kansas City 8, Missouri

Bowsher "Grind-All" Burr Mill gives coarse to fine grind for cattle, hogs or chickens—**without changing burrs.** Grinds ear corn, shelled corn, oats and all small grains—up to 170 bu. an hour at 550 RPM—225 bu. an hour at 1,100 RPM. Produces uniform granular feed—no dust.

EASY GRINDING ADJUSTMENT

Handwheel gives instant adjustment for any size grind. Hopper is only 30" off ground on rubber tires. PTO mill has 8 ft. elevator—Spout turns in circle. Fully guaranteed by Bowsher Company—specializing in precision built burr mills since 1882. Send card today for complete facts to The N. P. Bowsher Co., 913-G Webster St., South Bend, Indiana.

FREE SAMPLES OF UNIFORM GRIND AND ILLUSTRATED LITERATURE

No Nagging Backache Means a Good Night's Sleep

Nagging backache, headache, or muscular aches and pains may come on with over-exertion, emotional upsets or day to day stress and strain. And folks who eat and drink unwisely sometimes suffer mild bladder irritation . . . with that restless, uncomfortable feeling.

If you are miserable and worn out because of these discomforts, Doan's Pills often help by their pain relieving action, by their soothing effect to ease bladder irritation, and by their mild diuretic action through the kidneys—tending to increase the output of the 15 miles of kidney tubes.

So if nagging backache makes you feel dragged-out, miserable . . . with restless, sleepless nights . . . don't wait . . . try Doan's Pills . . . get the same happy relief millions have enjoyed for over 60 years. Ask for new, large, economy size and save money. Get Doan's Pills today!

BROWER Whirlwind FEED MIXER

BROWER MFG. CO., Box 8304, Quincy, Illinois

WAR SURPLUS BARGAINS!

New government releases arrive constantly. SAVE UP TO 80%. Blankets, boots, cots, tents, wearing apparel. Send for FREE War Surplus Catalog.

Sioux Falls Surplus Store — Sioux Falls, S. D.

Clip Cows Regularly With
Sunbeam STEWART CLIPMASTER

Powerful Motor Inside the Handle

CLIPS Cows, Horses Mules, Dogs, faster, better

Clipping reduces dirt accumulation—chief source of sediment. Clipped cows are easier to keep clean, produce milk with low bacteria count. $42.95

Sunbeam STEWART GROOMING BRUSH

Grooming Head Fits Your Clipmaster

Attachment fits Clipmaster, $17.50 (Colorado and West, $17.75). Unit with motor $39.95 (Colorado and West, $40.25).

Sunbeam STEWART •FAST •EASY •CERTAIN

AUTOMATIC HEAT CONTROL CALF DEHORNER

SOLDERING TIP AVAILABLE

Electric dehorning can be done any time of year. No loss of blood. Attains correct high heat for continuous operation. $14.95, complete. (Without soldering tip, $13.50.)

Sunbeam CORPORATION
Dept. 101, 5600 W. Roosevelt Rd., Chicago 50, Ill.

PIN-WORMS MAY BE A FAMILY AFFAIR

Fidgeting, nose-picking and a tormenting rectal itch are often telltale signs of Pin-Worms . . . ugly parasites that medical experts say infest *one out of every three* persons examined. Entire families may be victims and not know it.

To get rid of Pin-Worms, these pests must not only be killed, but killed in the large intestine where they live and multiply. That's exactly what **Jayne's P-W** tablets do . . . and here's how they do it:

First—a scientific coating carries the tablets into the bowels before they dissolve. *Then*—**Jayne's** modern, medically-approved ingredient goes right to work—*kills* Pin-Worms quickly and easily.

Don't take chances with this dangerous, highly contagious condition. At the first sign of Pin-Worms, ask your druggist for *genuine* **Jayne's P-W Vermifuge** . . . the small, easy-to-take tablets perfected by famous Dr. D. Jayne & Son, specialists in worm remedies for over 100 years.

JAYNE'S P-W for PIN-WORMS

"He's from Missouri" and he switched!

Elmer E. Tyree maintains a herd of 60 Holstein cows on a 220 acre farm in Bourbon, Mo. Like thousands of other dairy farmers he has switched to the new Kendall non-gauze milk filter. "Filters more milk faster while removing sediment . . . fits easily in the strainer", says Mr. Tyree. "Best pad of many brands I've tried". Ask your local merchant for Kendall, and you'll switch, too. THE KENDALL COMPANY, *Kendall Mills Division*, Walpole, Mass.

Works in seconds!

Loosens Rusted Bolts nuts . . . screws . . . parts
LIQUID WRENCH
AT HARDWARE STORES, GARAGES, FILLING STATIONS EVERYWHERE
For information write manufacturer
RADIATOR SPECIALTY CO. Charlotte, North Carolina

"I was afraid of this! I kept telling you to have those glasses checked."

Stop Highway Slaughter

To the Editor: Let's stop the slaughter on the highways!

Make everyone sign an agreement that they will keep all safety rules and speed limits. If they will not sign this agreement, don't give them their licenses.

Have the contract at the courthouse handled by the people that make out license plate papers.

Every state should have speed limits with signs all along the highways.—Colman Fisher, Sr., Pottawattamie county, Iowa.

Likes Weedy Roadsides

To the Editor: For the past few years there has been a mania for destroying the grasses and shrubs along the country roads. After these so-and-so's have sprayed their chemical, they just leave everything brown and ugly.

They have spoiled the nesting places for countless birds. The birds have enough to compete with the new road building without adding spraying.

The counties have spent a lot of money, for what? The next spring, things will be green again. You can't beat nature!

Sportsmen should object. The good farmers should be given the option of having roadsides sprayed or not sprayed.—Ray Hjerleid, Winneshiek county, Iowa.

Wants Chance At Surplus

To the Editor: The following is from American Machinist, May 21, 1956:

"Surplus machine tools would be shipped to backward countries such as South Korea if an Air Force plan can be worked out. Old machines of simple design for day-to-day use in small shops would go 'for free'. No European nations are in the plan, because of political repercussions from 'dumping' machine tools would be too great."

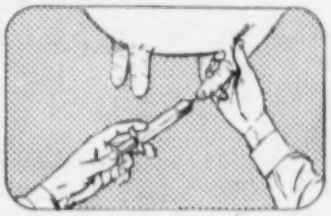
. . . We pay taxes to buy this stuff. Why send it to a bunch of Koreans, at taxpayers' expense? Let us have a chance at it first.

. . . I have tried to buy lathes, milling machines, etc., in Chicago when selling cattle for a loss. But all I could do is "price and wish."

People write and talk about subsidies and help for farmers. I could use some of this type. I think it is more of a helping hand for machine toolers and others.—Wm. Holz, Greene county, Iowa.

Positive MASTITIS Treatment with "ENZYME ACTION" HYPO-ZYME-6

When the "enzyme action" in HYPO-ZYME-6 goes to work, recovery from MASTITIS is well on its way. Powerful antibiotics and sulfa drugs can then reach the source of infection and start the healing process at once. The single shot, disposable syringe is safe, sanitary and speedy to use.



Available from your dealer in "Handy Packs" of 12.

HYPO-ZYME-6 EFFECTIVELY TREATS EVEN THE MOST STUBBORN CASES OF MASTITIS AND QUICKLY RETURNS YOUR COW TO THE MILKING LINE

COW PRESCRIPTION

This concentrated tonic supplies your cattle with the necessary minerals and tonic drugs to help them hit and hold maximum milk production. Contains iodine to prevent goiter (big neck) in cows or calves . . . copper and iron to help prevent anemia. Try COW PRESCRIPTION as a test . . . you'll see the difference.

YOUR VETERINARY SHELF

It's a wise investment to keep these basic Dr. LeGear remedies on hand for any emergency. Stock up today!

Poultry PLUS Calf Dehorner Hog Worm Powder

For 37 Years Ethical Manufacturers of Animal Health Remedies

DR. LEGEAR MEDICINE CO. ST. LOUIS 16, MISSOURI

"Our feed bill with ARBIE was $4,000.00 less!

Walter Witt & Son, Hawarden, Iowa, says:

"Before we changed to an ARBIE Feeding Program in November, 1955, we had a commercial feed bill of $7,000 on low-priced feed.

"But by September of this year, with an ARBIE Program, we had fed out more cattle and hogs than in 1955 and our feed bill with ARBIE was $4,000 LESS. This sounds unbelievable, but we have the records to prove it.

"On one group of cattle we had a 3.6 pound per day gain for a 114-day feeding period, and averaged 2½ to 3 pounds per day gain on heifers fed 100 to 120 days.

"We have had wonderful results with both hogs and cattle on an ARBIE Feeding Program, and find it the most economical feed on the market today."

. . . . . .

New ARBIE 36% Cattle Scooter—with Live Rumen Bacteria—is probably the most potent feed on the market today . . . Tailor-made to give you the right feed for the HIGHEST GAINS at the LOWEST COST.

Join The ARBIE Dealer Family. If you are farming, and are interested in adding to your income through a dignified association with the ARBIE organization, write us today. We'll show you how simple our plan is. And there's no obligation, of course.

ARBIE FEEDS inc ARBIE HOG SCOOTER
MARSHALLTOWN, IOWA

Barton
***TRACE MINERAL SALT**

**In phosphorus deficient areas, we recommend* CAL-PHOSPHOR Brand "SALT & MINERALS"

Every day more livestock producers find the answer to **more efficient feeding** . . . and **higher profits** . . . by using one of Barton's mineral supplement salt products. They find these carefully formulated combinations of salt and minerals help them raise healthy livestock that are better producers because they make better use of grain, grass and forage.

Available at feed and farm supply stores in 50 and 100-lb sacks and 50-lb. blocks.

Send for FREE booklet—"Livestock Nutritional Insurance". 16 pages of interest to every livestock grower. **Write** for your **FREE copy. Send** a postcard to: Dept. WF116.

THE BARTON SALT CO. *"Hutchinson, Kansas' Pioneer Producer of Good Salt Products"*

NOW! Your Best Buy in Really Good Table Salt Is

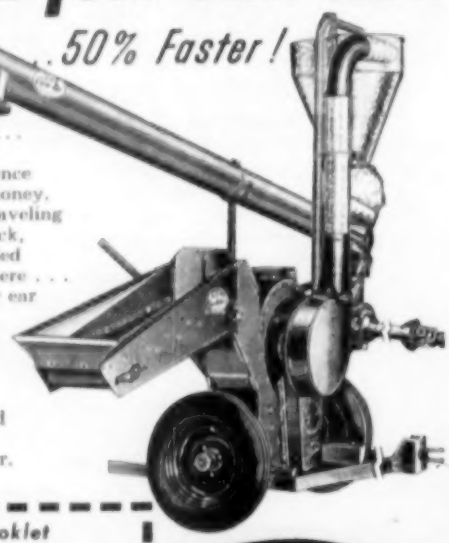
Barton in the NEW MOISTURE-PROOF FOIL CARTON!

The *good* cook knows *salt* is the most important seasoning used in preparing her meals. The *experienced* cook knows . . . and many *new* cooks are discovering . . . that they can rely on *Barton Table Salt* in the new foil carton to stay fresh and free-running right down to the last crystal. *Barton keeps* on bringing out the finer flavor in all your favorite foods!

Buy Barton—Plain or Iodized—at Your Grocer's!

home grind your own feed

at less cost . . . 50% Faster!



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Service bureau

Rent May Count For S. S. Benefits

To the Editor: We live on on our farm and feed the rental corn to livestock. Will all of the income count as income for social security benefits? — J. L., Webster county, Iowa.

If your share of the corn crop, which you get as rent from a share rental agreement, is fed to livestock, all the profit from the livestock will be self-employment income.

You won't have to deduct the market price of the corn as an expense even tho you didn't produce it. This is possible due to a recent ruling of the internal revenue bureau and agreed to by the social security administration.

However if you sell your share of the corn for cash, that income is considered by internal revenue bureau as rental income. And such rental income can't be reported as income for social security purposes.

Seed Salesmen Are Busy

To the Editor: A man came by our farm last week. He was selling some extra "high yielding" oat variety.

He said that his company would contract to buy back all the oats we produce at prices way above regular market prices for sale as seed. But I looked at the contract and there is no guarantee they will take the oats at any price.

I didn't buy any, but maybe my reporting it will help prevent others from buying them too.—R. T., Henry county, Illinois.

Many of the midwest's best farmers have fallen for just such deals. And have regretted it ever since.

The big yield reports may be correct—but the yields may have been made in Canada and not central Illinois.

Buy your farm seed from reliable dealers only. And get the variety that is recommended by your agricultural college for your section of the state.

Must Control Fire

To the Editor: A neighbor set fire to a meadow. The fire got away from him and burned about 40 fence posts that belonged to me. These posts will have to be replaced. Is he liable for damages to my posts?—F. C., Tama county, Iowa.

Generally, if a person willfully or without using proper caution, sets fire to prairie or timbered land, he is liable for resulting damages to adjoining property.

If the fire is set between September 1 and the May 1 following, the duty to prevent the escape of the fire to adjoining lands appears to be the greater.

The above is intended to inform and not to advise. It's suggested that you consult a local lawyer of your own choice.

Answers to legal inquiries are prepared by the public Information Committee of the Iowa State Bar Association as a public service.

Can't Get Full Soil Bank Check

To the Editor: We underestimated the actual number of planted acres when we signed up for the soil bank. The actual planted acre measurement was not available. And we were asked to estimate it. Now we can't collect our full soil bank payment. Is there any way we can get the full payment? — G. R., Woodbury county, Iowa.

The state A. S. C. office says that even tho you underestimated your acres at the time you signed your soil bank agreement, you did sign the agreement for a specified number of acres, and the county A. S. C. office was not obligated to measure the corn acres prior to the agreement. It is impossible to make any adjustments on the soil bank payments, the state A. S. C. office says.

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The **Graham Plow** breaks through the plow floor by means of chisel furrows 12 inches apart . . goes up to 18 inches deep. 6 inch terraces are created. The earth is left porous. Moisture quickly soaks into the sub-soil instead of running off. Stops erosion. Healthy bacteria life is promoted.

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• Profitable User-Agent Plan
GENERAL EQUIPMENT CO.

SLOW DOWN AND LIVE

"Goodness, Emily. Can't you stay on your side of the field?"

Sheep Bothered By Bot Flies

To the Editor: In the morning, my flock of lambs will often have large amounts of a mucous discharge from their noses. Some of it is bloody. What causes this, and what can be done?—C. T., Van Buren county, Iowa.

Most frequent cause of discharge from the nostrils of sheep is the sheep bot or grub. The nasal bot fly lays eggs in the nostrils of sheep that later develop into bots in the sinus.

You may have noticed the sheep bunching together in the summer with their noses down or buried in the wool of another sheep as they try to keep the flies off their noses.

There is no recommended treatment. Use of a three percent lysol solution injected into the nose has helped. Pine tar applied to the nose of the sheep in the summer has helped to prevent infestation.

Must Test Seed You Sell

To the Editor: I have some oat and soybean seed I'd like to sell to my neighbors. Must I have the seed tested for purity and germination?—F. G., Linn county, Iowa.

Farmers who plan to sell crop seed should consider a seed test a "must," says L. E. Everson, who has charge of seed testing at Iowa State College.

Labeling requirements of the Iowa seed law make it necessary to have the seed tested. Even if you sell seed on your own farm, you must furnish information based on a seed test.

You must specify the germination percentage and the month and year in which the seed was tested. The kind and number of secondary noxious weed seed must be listed.

You must be able to guarantee that no primary noxious weed seeds are present. And that the total weed seed content is not over one and one-half percent.

This information must be provided on a placard or in a written statement.

A seed test is the only accurate method yet devised to obtain the required facts. And the test is fairly cheap.

You can mail a seed sample to the Seed Testing Laboratory, Iowa State College, Ames, Iowa. The test will cost $1.00.

You should mail three cupfuls oats, corn or soybean seed and one cupful of clover, timothy or grass seed. Envelopes for mailing the seed are available at your extension director's office.

Newest Developments in
NATURAL SOIL BUILDERS

Providing Essential Plant Nutrients

Hoover's Terra-Zyme Blend (4-8-4, 10-10-10 or 0-20-14) is a carefully balanced combination of the best tested natural soil builders. It helps develop powerful root systems . . . resulting in heavier growth and bigger yields. Never burns foliage or chokes soil. **Hoover's Terra-N-Zyme** contains enzymes for conversion of nitrogen-bearing materials into active nitrogen; also contains 25% highly concentrated nitrogen which assures an adequate supply for fast-growing plants. Easily applied with fertilizer equipment; does not corrode metal. Other Hoover natural soil builders include: **Florida Soft Rock Phosphate** containing 31% to 33% P_2O_5; **Tennessee Rock Phosphate** containing 30% P_2O_5 and fine enough to permit 70% to pass through a 325 mesh screen; **Potash Rock**, especially effective for improving grasslands and rebuilding worn-out soils; **Soil-Nu**, a rich, natural concentrated soil compost.

FARM COUNSELING SERVICE . . . highly endorsed by progressive farmers the country over. Includes soil analysis with recommendations for increasing production by fertilization, rotation, tillage, quality-control, and crop analysis. Complete service or any part of it. Send coupon for *free descriptive folder.*

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GRIMM FARM

Angus Production Sale!

Wed., Nov. 21

Sale in heated pavilion at the Orval Burchett and Sons Sale Barn, 65 miles southwest of Des Moines, 10 miles south of Murray, or 5 miles north of

Grand River, Iowa

Selling 60 Head

Due to my health, we are cutting down our herd. Many of our top individuals and best producing cows will sell. The offering will not be highly fitted, but will be in strong pasture condition. A herd with weight for age, smoohness, and good fleshing ability.

8 BULLS - 40 BRED COWS - 6 HEIFERS - 13 CALVES

SOME EXTRA OUTSTANDING CLUB CALF PROSPECTS SELL

Featuring the get, service, and sale of:

BARBARA REVOLUTION 100th

A bull that combines great size and substance with smoothness and easy keeping qualities. A Bell and Sons bred bull from a line of breeding that has produced many winning club steers and heifers at some of the midwest's leading shows.

And the get and service of CORRECTOR 11th

A very typey, strong headed, heavy boned bull of the famous Rose and McCrea "Corrector" line of breeding. Sons and daughters will sell. They carry the strong heads and type of their sire.

We believe that you will be pleased with the offering. Some of the best producing females in the state, including the second top selling female in the Groesbeck Dispersion, are from foundation cows from our herd. Send today for your FREE catalog. Please mention this publication. Address

E. FLOYD GRIMM, GRAND RIVER, IOWA

Auct.: Keith Goode — Arch Stone, Fieldman

Struve-Held "Shorthorn Progress"

PRODUCTION SALE

Melbourne Leishman, 1956 Reserve Grand Champion, Iowa State Fair, and 2nd at Chicago in 1955.

THURSDAY, DECEMBER 6, 1956

Iowa State Fair Grounds

DES MOINES, IOWA

—46 LOTS—

12 BULLS - 34 FEMALES

A Strictly Top Quality Offering From Two of Iowa's Oldest and Finest Show and Breeding Herds.

Progress is the Consistent Record of Each Herd for Many Years. Progress Will Come to the Buyer of Each Animal in This Sale.

GEO. STRUVE & SONS, MANNING, IOWA
Selling 9 Bulls, 24 Females

As a sale feature this includes the entire 1956 calf crop, and nearly the entire 1956 show herd.

9 BULLS and 20 HEIFERS are sired by MARELLBAR DUPLICATOR who was reserve junior champion of the Eastern National, third at Chicago in 1952, reserve junior champion at Denver, and first in class at Chicago in 1953. 15 FEMALES carry the valuable service of MELBOURNE LEISHMAN who was second in class at the 1955 International and reserve grand champion of the 1956 Iowa State Fair.

The Struve offering includes: LANE VIEW DUPLICATOR 15th, reserve junior champion bull at the 1956 American Royal, and second in class to the champion at Iowa. The first and second prize senior bull calves at the 1956 American Royal that stood second and fourth at Iowa. The first prize junior heifer calf of the 1955 American Royal, and the third prize summer yearling heifer of the 1956 American Royal. Also many others that were near the top at these two shows, and many full brothers and sisters, or out of dams that were International or American Royal first prize winners and champions of strong state fairs.

H. RUSSELL HELD, HINTON, IOWA
Selling 3 Bulls and 10 Females

Featuring the get of IMP. WESTDRUMS VICEROY, the 1953 reserve senior champion bull at Perth. 3 BULLS and 6 HEIFERS are by this great sire who sired the grand champion female of the 1956 Iowa, South Dakota, and Sioux Empire fairs, and the winning junior gets at the latter two fairs. Also, a third prize senior bull and heifer calf, and third prize junior get at the 1955 International. The bulls are of mature age and ready for service. The heifers contain show prospects. Many of these are out of show winning dams.

Attend This Sale Without Fail and Select Winning Shorthorns That Are Backed by Winning Ancestry and Rich Breeding.

Write at once for Free illustrated catalog, and address:

ALBERT J. HAMANN, Sale Manager, ROCK RAPIDS, IOWA

Auctioneer: C. D. Swaffar — Arch Stone, Fieldman

LIVESTOCK NEWS

The **Hampshire** sale of Fred H. Michaelson, Ida Grove, Iowa, Oct. 22 was very successful. Two boars sold for $165 each—one to Wm. Urban, Prophetstown, Ill., and one to Ed Moening, Madison, Nebr. The top gilt went to Larry Knudson, Manilla, Iowa, at $90. The 40 boars averaged $87 and 37 gilts averaged $60.

A top quality offering of well-fleshed **Herefords** and a breeder well thought of in the community, combined to make the E. E. Carr sale at Mt. Ayr, Iowa, one of the best of the current sale season.

12 bulls averaged $280
45 females averaged $316
58 lots averaged $308

Miss Anxiety 7th, a six-year-old daughter of Real Domino 5th WHR, and bull calf by BHR Helmsman A115th, topped the auction at $660. Wayne Benton, Menlo, Iowa, paid $300 for the calf, and John Thomas, Mt. Ayr, Iowa, took the cow at $360. Silver Lady 1st WHR by Real Domino 27th, and bull calf by "A115th," brought $600. The cow went to Jim Laughlin & Sons, Imogene, Iowa, at $400, and Lumbard & Krause, Shannon City, Iowa, paid $200 for the calf.

Brown Hereford Farm, Leon, Iowa, paid $450 for BHR Helmsman B59th, a June '55 son of BHR Helmsman A115th, and BHR Helmsman B50th, a May '55 calf by "A115th" brought $395, the bid of H. H. Hart, Promise City, Iowa.

Col. Freddie Chandler cried the sale.

The **Wisconsin Hereford Breeders** annual fall show and sale held at Lancaster Oct. 26, attracted a nice sized crowd and the prices received were satisfactory.

The 14 bulls averaged $300, 27 females $202, and the 41 lots $235.

The top of the bull sale was lot eight, GEF Domino 93rd entered by Robert Geffert, Reedsburg, and sold for $500 to Loyd Knudenson, Edgerton, Wis. The champion bull was also a Geffert entry, lot six, GEF Domino 88th. He sold for $425 to Robinson & Eden Brothers, Stockton, Ill. The reserve champion was lot 29, Leetline Pilot 10th, entered by Leverett F. Leet, Kenosha. He sold to G. Schimal, Kenosha.

The champion in the females was an L. J. Kansa entry from Columbus—lot 20, Miss Somino Mixer 19th. She sold for $500 to G. Schimal. The same buyer took the second high female, lot 21, DL Stewardess from the Leet consignment for $300. The sale was under the management of Homer Graber, secretary. Auctioneer was Tom Sherlock.

Golden Aster Hereford Sale

GOLDEN ASTER

Stock Yards Sale Pavilion

SIOUX CITY, IOWA

WEDNESDAY, DECEMBER 19

25 TOP BULLS - 15 CHOICE FEMALES

Excellent sons and grandsons, daughters and granddaughters of the great sire

GOLDEN ASTER

Many of the bulls almost two years old, big, rugged, well-grown. Several full brothers of the top bulls we have sold in the past. Bulls with style, type, merit and quality. Genuine herd bulls. You can find a herd bull here.

THE FEMALES—Four splendid young cows with calves or close to calving, by ASTER Bulls. 11 most attractive heifers, some are bred to ASTER Bulls, others are open. Ideal for foundation cattle. Our top cattle sell in this sale. Plan now to attend. Ask now for free catalog. Kindly mention this publication. Address:

E. O. JOHNSON & SON, MILFORD, IOWA

E. O. Johnson & Son (Dale), Milford, Ia., and Harlan Puck, Lakefield, Minn.
Auctioneer: Jewett Fulkerson — T. W. Sherlock, Fieldman

SILVER LEAF FARM

POLLED AND HORNED

MILKING SHORTHORN DISPERSION SALE

Sale at 1:00 P. M. at the farm, 6 miles northeast of

Laurens, Iowa, Saturday, November 24, 1956

SELLING 54 HEAD

24 Fresh Cows and Heifers
10 Yearling Heifers
8 Heifer Calves
8 Small Bull and Heifer Calves
3 Near Serviceable Age Polled Bulls
1 3-Year-Old Polled Herd Sire

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Fourth Annual

FEEDER AND CLUB CALF SALE

Sponsored by the

JASPER COUNTY ANGUS ASSOCIATION

Sale at 12:00 Noon, at the new, modern sale barn on new Highway No. 223, at

BAXTER, IOWA, MONDAY, NOVEMBER 19

Consignments from top herds of Jasper and surrounding counties

EXPECTING 400 TO 500 HEAD

50 to 60 Top Club Calves — 20 Outstanding 1955 Registered Heifers

Balance are feeder calves selling in groups by weight. All calves fresh from farm day of sale. CONSIGNMENTS WELCOME. Lunch room at sale barn. In writing for further information please mention this publication. Address either:

HAROLD McCULLOCH, Pres., Kellogg, Iowa — **DICK VANDER WERFF, Secretary Sully, Iowa**

Auctioneer: Everett West

13th ANNUAL PRODUCTION SALE

IOWA AYRSHIRE ASSOCIATION

SATURDAY, DECEMBER 1, 1956 — NEVADA, IOWA

Sale at 12:30 P. M., at the Fair Grounds

40 Head of production bred cattle. Bred heifers, yearlings, and 7 4-H and FFA project heifers, whose dams have records to 14041M 545 F. 17 fresh or heavy springing young cows with high records. 2 top bulls. CATTLE SUITABLE FOR ANY DAIRYMAN IN THIS SALE. Send for FREE catalog. Please mention this publication. Address

JOSEPH BECK, Sale Manager, STORY CITY, IOWA

MIDIOWA HEREFORD CLUB CALF SALE

SATURDAY, DECEMBER 1, MARSHALLTOWN, IOWA

Sale in the Marshalltown Livestock Auction Barn

Purebred steer calves, castrated, dehorned, and started on feed, and Registered heifers, all suitable for 1957 4-H and FFA Club projects. Calves sold in our 1955 sale won 3 firsts and 2 Ch. at Grundy Co., several blues at Tama, and a 3d at Marshall. Midiowa heifers won both Ch. at Iowa State Fair, and 7 of the 8 heifers out for this award, were shown by Midiowa boys and girls—2 of them produce heifers, including the Res. Ch. Address all inquiries to: MRS. HAROLD J. PETERSON, Secy., LISCOMB, IOWA.

COMPLETE

Hereford Dispersion Sale

Fountain Head Herd of

The Zato Heirs

Sale on the Hillandale Farm at the edge of

MUSCATINE, IOWA

WEDNESDAY, DECEMBER 5

14 FEMALES - 17 BULLS

Many cows with big fine calves at side by H & D TONE LAD 265th and most all rebred to him.

Ten bred cows carrying the service of H & D TONE LAD 265th . . . 8 Bred Heifers . . . 6 open heifers.

Seven of the cows are daughters of the famous sire **H & D Zato Tone LAD 8th**, the bull responsible for the **Zato Heirs**. Nine daughters of **H & D Zato Tone 175th**, a great breeding bull. Three daughters of **H & D Zato Tone 21st**, the bull Patterson Land and Cattle Co. selected from this herd that made them famous for Herefords.

Here are the foundation females of a great herd, the type and quality that made a great impression on the breed.

The herd bull **H & D Tone Lad 265th** along with 16 of his sons including a two-year-old **H & D Zato Lad 443rd**—the heifers are bred to him—a bull that has been shown some. If you are looking for a bull from this line of breeding to head your herd you will find this group a good lot from which to make selections.

"Never a dwarf produced on this farm, nor ever one known from this line of breeding."

Write for free catalog today that will give you the complete story of this great herd. Please mention this publication. Address:

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Reserved seat and admission: $3.00 - 2.50 - 2.00 - 1.50

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Winkler Bros. & Henry Lackey

"CK ZATO 54th"

HEREFORD SALE

100 HEAD SELL AS 88 LOTS

CK ZATO 54th
(Pasture Snapshot)

Sale at 12:00 Noon, at the Lackey Farm on all weather road, 3 miles north and 1 east of

Shelbina, Mo.

Thursday, Nov. 29

TR Zato Heir 40th	TR Zato Heir	H & D Tone Lad 105th Leola Flowers
	T. Lois Rupert 39th	T. Royal Rupert 41st D. Stanway Lass 59th
Lady Sue A. 1st	Anxiety Brummel E. 3rd	Bean Anxiety 4th Lady Real 58th
	Lady Sue 1st	Real Prince Domino Lady Sue

26 Bulls - 62 Females

CK Zato 54th is sire or service sire of 67 head in this offering. 24 sons, 20 daughters, and 23 females carry his service.

Included in sale are 11 breeding age bulls, 15 bull calves, 12 cows and calves, 21 bred heifers, 17 open heifers, and 12 heifer calves.

Cow families represented are: BATTLE MISCHIEF, PRINCE DOMINO, DON BLANCHARD 5th, PIONEER, and ELATION LETSTON.

There are 12 sons and daughters of TR ZATO HEIR 238th, the good breeding bull owned by Spring Creek Ranch.

Other service sires include VH Colorado Domino and WP Bocaldo.

WE ARE PROUD TO OWN CK ZATO 54th, A YELLOW, RUGGED, DEEP BODIED, HEAVY QUARTERED TOP BREEDING FEBRUARY '54 SON OF TR ZATO HEIR 40th. WE ARE PROUD OF THIS SALE OFFERING, AND WELCOME YOU ON NOVEMBER 29th.

Individual health papers. All young females officially vaccinated. Send today for your free catalog. Please mention this publication. Address:

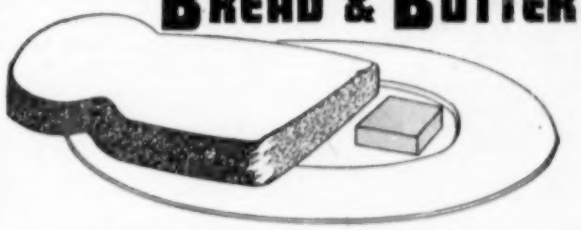
HENRY LACKEY
Shelbina, Mo.

WINKLER BROS.
Shelbina, Mo.

Auctioneer: Gene Watson Arch Stone, Fieldman

4th Annual

BREAD & BUTTER SALE



WED., DEC. 5, DENISON, IOWA

Sale at 1:00 P. M., at Denison Sale Pavilion

42 Females - 59 LOTS - 17 Bulls

Females include cows with calves at side and rebred, bred heifers, and an outstanding group of open heifers. Some great prospects among the bulls. All are of serviceable age.

THE CREAM OF THE PRODUCTION OF FOUR STRONG, LONG-ESTABLISHED ANGUS HERDS:

OTTO FRANK
Manilla, Iowa

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Featuring the Following Families:

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BLUEBLOOD LADY
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BLACKCAP BESSIE
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QUEEN DOLLY
HARTLEY ELINE
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HIGHLAND BARBARA
PRIDE
McHENRY BARBARA
QUEEN MOTHER

The Get and Service of the Following Sires Sell:

BANDOLIER 114th OF WILTON
by Evader's Quality Bardolier
PRINCE J OF SHADY LANE
by Ever Prince 40th
EILEENMERE 99th F & C
by Homeplace Eileenmere 99th
GLOBE HILL 3510th F & C
by Globe Hill Eileenmere 3510th
BANDOLIER 5th of BI VAN
by Bandolier 188th of Wilton
GLOBE HILL EILEENMERE 1500th
by Eileenmere 1500th
BESSIE'S BARDOLIER of ADA
by Black Bardolier 2nd
WHITE GATES BARDOLIER 9th
by Black Bardolier of White Gates 3rd
EILEENMERE 1257th
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Saturday, Dec. 1st

Black Angus Ranch

4 miles east and 1½ north of

KINGSLEY, IOWA

Selling 140 head of Registered Angus
51 COWS — 50 CALVES
12 BULLS OF SERVICE AGE
27 BRED HEIFERS

An offering in strong pasture condition. The get and service of ELMAR, PROUD BLUE BOY, and PRIDEMAN 8, will sell. Many popular bloodlines. All TB and Bangs tested. Send for FREE catalog. Please mention this publication. Address

CLARENCE WEINREICH,
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20 choice rugged ANGUS yearling bulls, ready for service. Mostly EILEENMERE, some SUNBEAM and imported breeding. Also bred and open heifers. Popular blood lines. REASONABLE.
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His progeny have quality and merit. Several excellent young bulls by him and our other herd bulls. BAR QUALITY M. B. by Prince Quality of Sunbeam, BAONAS PRINCE ERIC 21st by BLS Prince Eric 24th. We have the most fashionable families. Genuine Herd Bull Prospects. Act now. Farm 12 miles S.W. of Iowa City. Visitors always welcome. Phone Sharon Center 2 on 35.

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HERD SIRES:
BARDOLIER 40th OF WILTON
son of Black Bardolier of White Gates 3rd
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son of Evadore Quality Bardolier
Females, ANNUITY, BEAUTY OF HAYSTON, MISS SUMMER BURGESS, BLACKCAP BESSIES, ELBAS, ERICAS, KATINKAS, and many others.
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Choice two-year-old Bandolier bull, a son of GREAT OAKS ROSEMAR 4th, for sale. Also good young bulls ready for service. Top quality, richly bred, pleasing type. Best breeding. Priced to sell.
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40 Desirable Registered and Grades offered, BLACKCAP EMPRESS M. 53rd and CAVALIER'S EMPRESS breeding. Priced right. T. B. and Bangs Free.
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For Immediate Sale

Choice Herd Bull prospects by CSF CHOICE DOMINO 2d, ALF. REAL ONWARD 10th, REGULATOR DOMINO 16th and CSF IOWA CHOICE 10th. Herd federally accredited, all females officially calfhood vaccinated.

Curran Stock Farm, Mason City, Iowa

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Choice bred heifers offered now, sired by great sires and mated to our TOP HERD BULLS. They will make fine Brood cows. Also several excellent open heifers, pleasing in type and quality by CARLOS PERFECT 4th; BATTLE DOMINO 44th and ALF. REAL ONWARD 16th. **Reasonable.** Visit our farm anytime.
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Polled Hereford Bulls of serviceable age and younger. Sired by ROYAL DOMINO 17th. Also open heifers.
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Service aged, rugged and growthy. Sired by ALF MIXER RETURN 69th by ALF Beau Mixer 3d. Mostly from dams by ALF Real Onward 16th. A very top set of young bulls.
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Choice bulls, all ages, and desirable cows, bred heifers and open heifers.
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Performance-Tested POLLED SHORTHORNS
The only profitable kind.
Always choice Bulls for sale.
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Farm 30 miles north of Iowa line on U. S. 169

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4 choice bulls, 8 to 16 months by HILLVIEW COLLYNIE, a top Holting sire. Females, bred and open, mated to COLLYNIE WELCOME or LEADER'S SILVER MINE, Minnesota sale Champion. Reasonable.
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NOTICE—Dairy Calves. If calves are shipped or delivered on approval, full responsibility is assumed when purchaser accepts delivery. Remember calves are young, some are small, which much be considered when buying.

WANTED—ORDERS for high grade Wisconsin dairy heifer calves. Holstein and Guernsey. Bangs tested and vaccinated for shipping fever. Delivered by our truck, C.O.D. your farm in lots of 5 or more. Dairy heifers, open, bred and springing. Also cows available. Jay Shealor, Jr., Richland Center, Wisconsin.

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HOLSTEIN AND GUERNSEY DAIRY HEIFERS AND HEIFER CALVES
Any age. Will deliver any sized order on approval by truck.
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Choice registered Bulls for sale, serviceable age. Good type, high production. Farmer prices.
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TOP QUALITY
Holsteins, Guernseys, Brown Swiss
All ages. Priced right.
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HOLSTEINS AND GUERNSEYS
Choice Dairy Heifers from 350 to 900 pounds. HOLSTEINS 12c per pound. GUERNSEYS 10c and 12c per pound. All heifers sold by pound. Also springing cows and heifers. Write or call
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Choice breeding stock offered, any age or sex, at reasonable prices. Write now.
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STERLING, ILLINOIS

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Choice registered bulls offered, serviceable age, fine individuals by Proven Sires from our best Dams for TYPE, UDDER and HIGH PRODUCTION. Popular blood lines. REASONABLE.
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High Grade Holstein cows and heifers to freshen this fall.
R. C. JONES, WEST CONRAD, MINN.

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MONTH OLD FOUNDATION HEIFERS.
Tested. Delivered your door collect. 50 or more on hand. Inspection invited.
GLENN CLARKE, Rt. 10, SO. ST. PAUL, MINN.

Polled Milking Shorthorns

POLLED MILKING SHORTHORNS
My small, select herd offered, including cows, heifers and 2 young bulls. Reasonable.
NORBERT HANSEN ALTON, IOWA

PUT SOME OF THAT EXTRA CASH INTO SAVINGS BONDS

The Easy Way to Save
Start Buying Today!

LIVESTOCK NEWS

The annual **Shorthorn** sale for Leveldale Farms, Mason City, Ill., owned by L. E. Mathers, Sr., and L. E. Mathers, Jr., attracted another extremely large crowd that produced buyers from 14 states and Canada.

18 bulls avenged $2,683
24 females averaged $1,293
42 lots averaged $1,890

Top of the sale was lot three bull, Pittodrie Monarch (Imp.) in July, calved in October, 1954, a dark red that sold for $8,300 to Kenneth Kettenhofen, Elkhorn, Wis.

Second top was lot one, Leveldale Capitol, son of Leveldale Basis, a red May, 1955, bull. He was bid off by Dr. A. H. Wieland, Pawnee, Ill., for $7,000.

In the females, the top was lot 19, Leveldale Blythesome 10th. She was carrying the service of the top bull of this sale. Her buyer was John Alexander & Son, Aurora, Ill. Second top was lot 22, Leveldale Victoria 4th, and she was bred to Leveldale Critic. She sold for $2,800 to Susanna Farms, Lake Villa, Ill.

Vaughn Moore, Des Moines, bought three females—lot 24, Kair Orange Vera for $1,250, lot 31, Leveldale Floss 6th for $1,050, and lot 33, Mary Anne of Lancaster 75th for $1,050. Lomas Farms, Villisca, Iowa, paid $1,050 for lot 27, Leveldale Lavendar 8th.

Included in the sale were three females from the Mike Klokkenga herd of Emden, Ill., that averaged $517, and nine lots from C. W. Fenstermaker, San Antonio, Tex. The latter were all Mathers breeding and on account of the drouth, he had to sell them. They averaged $1,195.

The offering was presented in wonderful condition by the Mathers and their men. Sales manager was Hal Longley. Auctioneers were J. E. Halsey and C. D. Swaffer.

A near capacity crowd of leading breeders and commercial producers from a wide area were on hand at the **Howard Soorholtz & Son Hampshire** sale at Marshalltown, Iowa, Oct. 23. Demand for the big rugged offering was strong:

33 boars averaged $163
25 gilts averaged $83
58 head averaged $128

Holst Bros., Austin, Minn., paid $700 for the top selling boar, Western Image, a son of Ten Grand from a Hi Choice dam. Hi-Octane, a son of Hi-Ho, and first junior boar at Iowa this year, brought $640, the bid of John Broek, State Center, Iowa.

Holst Bros. paid $210 for the top selling gilt, Silver Jubilady by Prince Jubilee. Miss Hi-News by Hi-Ho went to Treasure Acres, Blairsburg, Iowa, at $200.

The **Iowa Spotted Poland** show and sale at Boone, Iowa, Oct. 5 was very successful. Champion boar shown by Bill Hemm, Chapin, Iowa, sold for $360 to Orville Kempers, Hulls, Iowa. Reserve champion shown by A. J. Anderson & Sons, Kellogg, Iowa, went at $180 to Alvin Milbrand & Sons, Glencoe, Minn.

In the gilts, A. J. Anderson & Sons had the champion, and she sold for $300 to Eddie Bros., Storm Lake, Iowa. Reserve champion was shown by Bill Hemm and sold for $210 to Norman Pothast, Spencer, Iowa.

The 20 top boars averaged $139 with 17 gilts at $90 each. Robert Eddie, secretary, worked hard to help make the event successful.

There was strong demand for gilts, but boars were slow to move at the **El Jon Farms Hampshire** sale at Rose Hill, Iowa, Oct. 27.

34 registered gilts averaged $75
26 registered boars averaged $60
60 head averaged $65
50 commercial gilts averaged $42

Top of the auction was $135 paid by Lloyd Rice & Son, New Sharon, Iowa, for a daughter of King Cole from a Modern Citation dam. Two gilts from a King Cole litter from Master Ruler dam brought $115, one going to Dale McGraw, Pleasantville, Iowa, and the other to John Kaster, Clearwater, Nebr. A boar from the same litter brought $100, bid of Justis Miller, Unionville, Iowa.

The **Hawkeye Aberdeen-Angus Association** calf sale held at Cedar Rapids, Iowa, Oct. 27, was well attended.

47 steer calves averaged $143
25 heifer calves averaged $198

The top of the sale was a heifer calf, Walridge Erica 200th, entered by J. V. Driscoll & Son, Williamsburg, Iowa. She sold for $540 to Vernon Brogla, Tiffin, Iowa. Second high was lot three, Eiltonier Belinda 347, consigned by Eiltonier Angus Farms, Tipton, Iowa. She sold for $490 to Mark Felton, Indianola, Iowa.

The top on the steers was $275 for one consigned by Mr. and Mrs. Harold Eiler, Tipton, Iowa. The buyer was Lorren Jergens, New Liberty, Iowa. The second top was an I. E. Kemp calf. He sold for $250 to Allen Elias, Calamus, Iowa.

Several commented that it was one of the best offerings of calves they have ever had. The sale was managed by secretary Albert Stuart, Newhall, Iowa, Auctioneer was Tom Sherlock.

The **Iowa Duroc Breeders** show and sale at Marshalltown, Iowa, Oct. 25 was very successful.

The grand champion boar in the Superior group was lot eight shown by Kermit Neubauer, Iowa Falls. He sold for $710 to Melvin Feik, LaMoille, Ill. Reserve champion, lot 42, shown by Howard Berry, Iowa City, went at $550 to Tom Duffey, Plainview, Texas. Lot five, consigned by Perry Tinnell, Shenandoah, sold for $305 to Dale Dixon & Son, Bloomfield, Iowa.

Grand champion of the gilts in the Superior group was lot 26, consigned by John W. Jones, Cumberland, Iowa. She sold for $147.50 to E. W. Klingaman & Sons, Waterloo. Reserve champion, lot 20, consigned by Roger Harper, Pleasantville, went at $125 to Alex Kezielek, New Richland, Minn. Lot 12, from Curtis Bros., Cresco, sold for $120 to Dale McKee, Rio, Ill.

The 21 boars averaged $165.24 and 17 gilts averaged $79.23. C. E. Bundy, secretary, worked hard to make the event successful.

PAW TUCKER—You can sleep after dinner!

Livestock News

The **Hereford** dispersion of the late Harlan Miller, Pulaski, Iowa, estate of Miller Bros., held at Bloomfield, Iowa, Oct. 23 attracted a very good attendance with the following results:

9 bulls averaged $264
59 females averaged $252
68 lots averaged $254

The herd bull, S. Baca Duke 5th, a six-year-old, sold for $605 to Don DeVos, Cantril, Iowa. MB Silver King, a four-year-old son of Silver Knight 63rd, went at $515 to Carroll Rubey, Fairfield, Iowa. MB Real Silver 7th, a July yearling son of the latter, sold for $300 to C. C. Johnson, Ottumwa, Iowa.

The top female, Jayhawker Duchess and bull calf, sold for $500 to Paul Smith, Ottumwa, Iowa. Neil Clyman, Bloomfield, Iowa, purchased several head, including Linda Jane at $300; Miss M. Rupert 32d at $300; Miss M. Rupert 14th for $310; Miss M. Rupert 39th at $330; MB Miss Larry 22nd at $300 and MB Baca Duchess 10th at $290. MB Miss Larry 17th was selected by Judge Hughes, Corydon, Iowa, at $330. Lowell Wagler, Pulaski, Iowa, paid $250 for P. Miss Real Silver and bought several head. Don DeVos purchased a number of the best. All but one went to Iowa buyers. Auctioneers were Guy Pettit, Sherm Reno and Geo. Reno.

A very well grown offering, more than two-thirds of them 1956 calves, was in strong demand at the **John Dittmer & Sons Hereford and Polled Hereford** sale at Knoxville, Iowa, Oct. 30. Averages were as follows:

28 bulls averaged $131
33 females averaged $152
61 lots averaged $142

Top of the auction was $215 paid by Frank Bauer, Lacona, Iowa, for 5D&S Emperor 677th. George Ashby, Chariton, Iowa, paid $175 for 5D&S Emperor 674th, and Cliff Applegate, Waukee, Iowa, paid the same price for 5D&S Emperor 637th.

Lester Dittmer, Lacona, Iowa, paid $190 for 5D&S Lila Royal 552d, a July '55 open daughter of Polled Larry. Five D&S Pansy C., a June '55 daughter of Beau Clipper 8th, brought $185, the bid of S. M. Westerly, New Virginia, Iowa.

Col. Keith Goode cried the sale.

Coming Livestock Sales

ANGUS

Nov. 19—Jasper County Feeder and Angus Calf sale, Baxter, Iowa. Dick Vander Werff, Secy., Sully, Iowa.
Nov. 19—Perry Phillips Farm Thanksgiving Production sale, Columbia, Mo.
Nov. 26—National Show Window Sale, Chicago, Ill.
Nov. 27—Floyd Grimm, Grand River, Iowa.
Dec. 1—Clarence Wrinsrick, (Dispersal) Kingsley, Iowa.
Dec. 5—Bread and Butter Sale, Denison, Iowa. P. K. Pratt, Sale Mgr., Walnut, Iowa.
Jan. 7—Missouri State Bull sale, St. Joseph, Mo.
Jan. 8—"First Family Sale" Iowana Farms, Dunlap, Iowa, and La-d-O Farm, Scranton, Iowa. Maurice Boney, Sale Mgr., Box 749, Storm Lake, Iowa.
Jan. 28-29-30—Iowa State Angus Show & Sale, Des Moines, Iowa. Clyde Hanna, Secy., Oskaloosa, Iowa.
Feb. 2—Roger Bros., and Frank B. Eitel, Kirksville, Mo.

HEREFORDS

Nov. 24—John Block & Son, Warthington, Minn.
Nov. 29—Winkler Bros., and Henry Lackey, Shelbina, Mo.
Dec. 1—Midiowa Club Calf sale, Marshalltown, Iowa. Mrs. Harold J. Peterson, Secy., Liscomb, Iowa.
Dec. 5—Hillandale Farm, Dispersion, Muscatine, Iowa.
Dec. 15—Charlton Farms, (Dispersion) Grays Lake, Ill.
Dec. 19—E. O. Johnson & Son, Milford, Iowa, and Harlan Puck, Lakefield, Minn. Sale at Sioux City, Iowa.
Jan. 5—Adel Hereford Breeders, Adel, Iowa. Albert DeWitt, Sale Mgr., Peru, Iowa.
Jan. 10—Creston Hereford Breeders, Creston, Iowa. Lloyd Woods, Sale Mgr., Orient, Iowa.
Jan. 21-22-23—Iowa Hereford Association, Cedar Rapids, Iowa. Jim Mulvihill, Secy. Cumming, Iowa.
Feb. 5—Southwest Iowa Hereford Breeders, Red Oak, Iowa.
Feb. 11—Iowa Hereford Cattle Breeders Assn., Sioux City, Iowa. Henry Moore, Secy., Cylinder, Iowa.
Mar. 1-2—Western Illinois Breeders Assn. show and sale, Macomb, Ill. Robert Allen Secy., Warsaw, Ill.
Mar. 2—Bones Hereford Ranch Range Bull sale, Parker, S. D.
Mar. 6—Southeast Iowa Breeders Assn. show and sale, Mt. Pleasant, Iowa. N. K. Hartley, Secy., Hillsboro, Iowa.
April 27—Bones Hereford Ranch Annual Production sale, Parker, S. D.

POLLED HEREFORDS

Nov. 24—Ted J. Griswold, Livingston, Wis. Sale at Lancaster, Wis.
Dec. 8—Illinois Polled Herefords, Princeton, Ill. Ernest Painter, Secy., LaHarpe, Ill.
Jan. 8—John Dittmer & Sons, Lacona, Iowa. Sale at Knoxville, Iowa.
Feb. 4—Four Star Polled Hereford sale, Kirksville, Mo. Orville H. Patten Secy., Kirksville, Mo.
Feb. 5—Northwest Iowa Polled Breeders Inc., Sioux City, Iowa. E. L. Baxter, Sale Mgr., Galva, Iowa.
Feb. 19—Hawkeye Breeders Association, Cedar Rapids, Iowa.

SHORTHORNS

Nov. 19—Wm. I. Hartman, Barnard, Mo. Sale at Maryville, Mo.
Nov. 28—International sale, Chicago, Ill.
Dec. 6—Geo. Struve & Sons, Manning, Iowa, and Held Bros., Hinton, Iowa. Sale at Des Moines, Iowa. Albert J. Hamann, Sale Mgr., Rock Rapids, Iowa.
Jan. 8—Tri-State Breeders show and sale, Sibley, Iowa. Albert J. Hamann, Secy.-Mgr., Rock Rapids, Iowa.

LIVESTOCK FIELDMEN

J. E. HALSEY, 1912 Grand Ave., Des Moines. Phone: Office CHerry 3-6181; Res. CRestwood 7-3645.
THOS. W. SHERLOCK, Box 3, Oxford, Iowa. Phone 8-4307.
ARCH STONE, 1912 Grand Ave., Des Moines. Phone: Office CHerry 3-6181; Res. CRestwood 9-6995.
We publish the FIRST and THIRD Saturday of every month. Copy for livestock advertising must reach our office FIFTEEN days before date of issue.

SHORTHORNS

Feb. 11-12—Interstate Shorthorn Breeders Assn. show and sale, Sioux City, Iowa. F. E. Jackson, Secy., Hurley, So. Dak.
Feb. 13—42nd Annual Spring show and sale, Omaha, Nebr. Merv F. Aegerter, Sale Mgr., Seward, Nebr.
Mar. 4-5—Iowa Royal Shorthorn show and sale, Des Moines, Iowa. Albert J. Hamann, Secy.-Mgr., Rock Rapids, Iowa.
Mar. 14—Hawkeye Downs annual Spring show and sale, Cedar Rapids, Iowa. E. S. Girton, Mgr., Box 321, Marshalltown, Iowa.
Apr. 4—Southwest Iowa Shorthorns Assn., Red oak, Iowa. Arthur H. Windom, Sale Mgr., Villisca, Iowa.

POLLED SHORTHORNS

Nov. 26—International, Chicago, Ill.
Feb. 14—42nd annual Spring show and sale, Omaha, Nebr. Merv F. Aegerter, Sale Mgr., Seward, Nebr.
Feb. 23—North Iowa Polled Shorthorn Breeders show and sale, Spencer, Iowa. Wayne A. Carr, Secy., Cincinnati, Iowa.
Mar. 9—Hawkeye Downs annual Spring show and sale, Cedar Rapids, Iowa. E. S. Girton, Mgr., Box 321, Marshalltown, Iowa.

DAIRY CATTLE

Nov. 20—G. J. Marshall, Dubuque, Iowa, (Jersey Dispersal, Ivan N. Gates, Sale Mgr., West Liberty, Iowa.
Nov. 30—13th annual Ayrshire pre-sale banquet and annual meeting, 7:00 p.m., Nevada, Iowa.
Dec. 1—13th annual Ayrshire production sale, Nevada, Iowa. Joseph Beck, Sale Mgr., Story City, Iowa.

MILKING SHORTHORNS

Nov. 24—Silver Leaf Farm Polled and Horned Dispersion sale, Laurens, Iowa. Walter Kruse, Sale Mgr., Sheldon, Iowa.

SHEEP

Dec. 1—Suffolk Bred Ewe sale, Oskaloosa, Iowa, Suffolk Breeders Managers.
Dec. 3—Cecil Blaine Suffolk dispersion, Downing, Mo.
Dec. 15—Minnesota Sheep Breeders, Austin, Minn. Harold Saettre, Mgr., Kasson, Minn.

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BERKSHIRES

Choice Boars, by SURMOUNT STYLE, with plenty of length and real type. Write or call. Reasonable.
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50 Top, well-grown, outstanding selected Boars, March and April farrow by TIP TOP SPECIAL 665377, JUST RITE MODEL 654931; and ALL STAR 662617. Those looking for a **Good Boar** and Modern Type in demand today, with well-balanced body, conformation and uniformity, should not overlook our Herd. They have depth of body, full Hams, LENGTH, BONE, SIZE, smoothness and feeding quality. Inspect our Herd. New bloodlines for old customers. Immune. Pedigree furnished. REASONABLE. Write or visit or Phone 32F12, Plainfield, Iowa.
F. H. SCHMADEKE CLARKSVILLE, IOWA

CHESTER WHITE BOARS

Choice, well-grown, Healthy Boars, of the right type, Immune, Guaranteed. REASONABLE.
ROY V. COPP & SON GLIDDEN, IOWA

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DUROC BOARS FOR SALE

Purebred Duroc Boars, well grown, good length, with quality.
2 E. 2 S. 2 E. 2½ S. of Nevada, Iowa.
CECILE KITCHEN, MAXWELL, IOWA

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SUN-UP HYBRID BOARS

Buy our LEAN-MEAT, performance tested, Inbred herd sires, from litters of 10 or more raised, to 5 months, weights of over 200 lbs., with feed conversion records under 300 lbs. will make you extra profits.

1—Save 10 to 20% on feed (93 per hog)
2—Market 2 weeks sooner.
3—Raise more pigs per litter.

Write for our continuous Boar Rotation Plan, proven on many farms. SUN-UP HYBRID BOARS backed by over 15 years of performance tested sires. Guaranteed breeders. (20 miles North of Kansas City on U. S. No. 169.)
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We have best quality boars to offer the year around. Our boars will contribute HYBRID vigor, stronger pigs, better mothers, faster gain, on less feed per 100 lbs. of gain. Larger litters, raised to market, and a solid MEAT TYPE carcass. Save $50 to $75 per boar and buy direct. No salesman's commission to pay. Our strains are exclusive. All animals guaranteed to be clean and breeders.
McALLISTER SEED FARMS
Mt. Pleasant, Iowa

HYBRID HOGS

Meat Type Hybrid — Get the Full Story
1. Save 20 lbs. feed per 100 lbs. gain.
2. Raise 1-2 more pigs per litter.
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HERE'S PROOF. Over 2 million pigs sired by Wilson Hybrid Boars—800 customers—8 years continuous increase in sales. Vaccinated for Cholera and Erysipelas, blood tested. Guaranteed breeders Free delivery. Write for free literature. Dealership available.
WILSON HYBRID HOG ASSN., Harlan, Iowa

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The only herd backed by 17 years performance testing.
1. Save 10 to 20% on feed.
2. Produce MEAT-TYPE hogs.
3. Raise more pigs per litter.
4. Go to market 2 weeks earlier.
1½ Million pigs sired by LUCIE HYBRID BOARS
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LUCIE HYBRID HOG FARM, Augusta, Illinois

LANDRACE

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M. W. MARTIN & SONS, Hancock, Ia.
WESTWIND FARM, Don & Ed Lee, Letts, Ia.
LEW ECKELS, Lenox, Iowa
DON KOCH, Latimer, Iowa
G. N. KNICKERBOCKER, Radcliffe, Ia.
DOWDEN & SON, Conrad, Iowa
ORVILLE M. NESSA, Story City, Ia.
JOHN CROSBY, Rt. 2, Nevada, Ia.
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Iowa State College foundation stock since 1948
FOR IMMEDIATE SALE
Weanling pigs, boars, gilts, also bred sows and gilts. SIRED BY: J. H. Landlord of Lady Gillebo and Spangboda breeding, imported in dam, also Iowa State College and USDA (Beltsville) blood lines. Iowa Accredited Brucellosis Herd No. 210.
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Choice purebred Boars from Imported stock for sale REASONABLE. Act now. Phone George Barkema, 45122, or write JIM BARKEMA, ALEXANDER, IOWA

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Choice Boars and Gilts, tested for rate of growth and Backfat thickness. Write for FREE information folder.
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Purebred Boars, excellent breeding, type desired for crossbred litters that mature fast, MEAT-TYPE. Gilts and Sows bred for Jan., Feb. and March farrow. (Delivered.) Reasonable.
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Part are by Iowa Viking, an Imp. boar that is a strong contender for boar of the year. Included are littermates to the Ch. bred gilt at Ia. State sale.
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Registered Landrace

Boars and gilts—best of breeding.
Come early—get your choice.
Curtis Iversen, Battle Creek, Iowa

SERVICE AGE LANDRACE BOARS - WEANLING PIGS

Production Tested. Bangs accredited herd. Farmer Prices.
MA-KO-TA FARMS Rt. 1, AMES, IOWA
1 mile North of Iowa State College

MONTANA No. 1

MONTANA NO. 1

Spring and Fall Boars, Open Gilts. MEAT-TYPE hogs the packer prefers, make outstanding cross on any breed. Farm 3 miles East of Williams.
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50 MONTANA No. 1; MINNESOTA No. 1; MINNESOTA No. 2; Inbred DUROC Increase Combinations by R.O.P. Herd boars, double treated. REASONABLE.
IVAN OTTE CLARINDA, IOWA

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Choice Boars and Gilts, November and December farrowed. Well-grown, desirable breeding. "True Meat Type Hogs"
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TOLEDO, IOWA

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POLAND CHINA Boars, March farrow. Outstanding quality, popular blood lines, with size, priced to sell.
OTTO F. SCHRUNK & SONS, MAPLETON, IA.

POLAND CHINAS

POLAND CHINA BOARS

Choice from 150 head, Feb. and March farrow, raised on clean ground. Big rugged, MEAT-TYPE kind. Reasonable. Farm 6 miles Southwest.
LYLE COCKERTON, WHITING, IOWA

SPOTTED POLAND CHINAS

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Choice Purebred Boars and Gilts, plenty of length and out of large litters. Reasonable. Farm 4 miles South of Colo on 65 and 3¼ miles West.
CARVER & BYERS NEVADA, IOWA

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Choice Fall and Spring boars, well-grown, rich in breeding, pleasing type and quality, probed for back-fat. The Genuine MEAT-TYPE. REASONABLE. Act now. Write or call
WALTER KRUSE SHELDON, IOWA
Floyd Crest Farms

TAMWORTH BOARS

Choice, the type You'll like, Raised on clean ground. Bangs Free. Reasonable. (½ mi. N. on Hy. 30).
JOHN G. FEY SCRANTON, IOWA

When writing to our advertisers, please mention that you read their advertisement in Wallaces' Farmer and Iowa Homestead.

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Choice, well-grown Boars. Genuine MEAT-TYPE, best English Breeding. Reasonable. Farm West off of Benton Street.
CLIFTON MOYERS, Rt. 4, IOWA CITY, IOWA

FOR SALE AT PRIVATE TREATY
YORKSHIRE BOARS, same breeding as top boar at Iowa State Boar Testing Station; with feed conversion record, 256 lbs. feed per 100 lb. gain; loin eye muscle, 3.44 sq. inches, 52.6% primal cut yield; 30.3 inch side.
JAMES BEATTY & SON HANCOCK, IOWA

YORKSHIRE SPRING BOARS

Double treated for Erysipelas and Cholera, Bangs free herd. Farmers prices. Also service age Ayrshire bulls and fresh cows.
CLOVERGOLD FARM, NEMAHA (Sac Co.), IA.
Merritt & Don Cook. Farm 2 mi. E. and ¼ N.

SHEEP

5th Annual Nebraska
EWE SALE
4-H Building, Fair Grounds
LINCOLN, NEBRASKA
Friday, December 7, 1956
Grade EWES — Sale 10:00 A.M.
Registered EWES — Sale 1:00 P.M.
All breeds, registered and grades consigned by Leading Nebraska Breeders. FREE a Ewe lamb given to 4-H or F.F.A. member. For Free information write
Auctioneer, HARRY SANDERS, Sale Mgr.
519 North H, Fremont, Nebr.

Suffolk Sheep Dispersal Sale
Monday, December 3, 1956
1:00 P. M. at Sale Barn
MEMPHIS, MISSOURI
82 head—top quality
Write for catalog. Address
Cecil Blaine, Downing, Mo.

Annual Minnesota Sheep Breeders
BRED EWE SALE
Fair grounds pavilion
AUSTIN, MINN., SAT., DEC. 15th
Starting 12:30 P. M.
75 SELECTED BRED EWES
SHROPSHIRE — HAMPSHIRE — SOUTHDOWN
SUFFOLK — COLUMBIA — CORRIEDALE
Registered and bred to outstanding RAMS. A registered SOUTHDOWN Ewe Lamb given FREE at door prize by E. G. Westphal. Ask now for FREE catalog. Address
HAROLD SAETTRE, Sale Mgr., KASSON, MINN.

SUFFOLK

BRED EWE SALE, Fair Grounds
OSKALOOSA, IOWA, SATURDAY, DEC. 1
Ask now for FREE catalog
IOWA SUFFOLK SHEEP ASSN., Oskaloosa, Ia.

DOGS

NOTICE—Unsatisfactory dogs must be returned within time specified by advertiser. Buyer always pays express charges (both ways if dog is returned) unless advertiser states in advertisement that he will do so.

GENUINE ENGLISH SHEPHERD PUPS
DISTEMPER VACCINATED
Guaranteed heelers. Year's trial, training instructions. Males, females or spayed females.
HIGHVIEW KENNELS, CEDAR FALLS, IOWA

SPORTSMEN:

World's Largest Kennel offers 500 Pointers, Setters, Straight Cooners, Combination Hounds, Rabbit and Squirrel Dogs, Beagles, Fox and Wolf Hounds. Trial. Prices reasonable. Catalogue free.
Smokey Mountain Kennels, Cleveland, Tennessee

— BEST YET —
ENGLISH SHEPHERD PUPS

Guaranteed to bring home the cows. Year's trial. Choice of sex. Spayed females a specialty. Priced right.
CLOVERDALE FARM ACKLEY, IOWA

Genuine English Shepherd and Border Collie Pups. (Either sex—also spayed females $15.00.) Order direct from this ad. Give color. (Satisfaction guaranteed.) 65,000 satisfied customers. (45 years on same farm.) Stepsaver-heeldriving farm dogs. No fooling. Training instructions, year trial, distemper vaccinated. Runffs Kennels, Reinbeck, Iowa.

Purebred Border Collies
English Shepherds
America's most useful dogs. Puppies all ages. Both sexes. Choice colors. Faithful workers. Satisfaction guaranteed.
We breed and sell our own stock.
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SHOMONT COLLIES

Workers — Companions — Guards. Shepherd puppies from working stock. Write for free lists.
SHOMONT FARMS AND KENNELS
MONTICELLO IOWA

GENUINE
ENGLISH SHEPHERD PUPS

Guaranteed heelers, year's trial. Males, females, spayed females $15.00. Training instructions. Distemper vaccinated. Also Registered Collies.
DEAN FLEMING TRAER, IOWA

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Successful sales for leading breeders. Life-time experience all types of livestock. Rates reasonable. Ph.: Office CHerry 3-6181; Res. CRestwood 7-3645
J. E. HALSEY, Box 1817, DES MOINES, IOWA

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Box 8, Decatur, Indiana

Of folks and farming

By Chuck Worcester,
WMT & WMT-TV

THERE'S AN OLD SAYING that trouble always comes in three's. And it often seems to happen that way. In just the last few weeks, David hurt an eye in a brotherly tussle; Pete injured a shoulder playing football, and little Julie fell off a ladder I had carelessly neglected to take down. All three meant endless trips to the doctor before everything was back to normal. We've been extra safety conscious ever since.

THE TRUE ECONOMY SUPPLEMENT put out by Kent Feeds provides a great new opportunity in cattle feeding. STEER PRO is priced at less than $78 a ton in bulk. This 32% Cattle Supplement is giving the fast, low-cost gains that every feeder wants. Whether your cattle are cleaning up stalk fields, on a winter feeding program with silage or hay, or on full feed . . . STEER PRO can help you make more money.

A TRIP TO THE HOME FARM is always a thrill. After a busy summer, we didn't get around to visit the grandparents near Duluth until last month. Even the quick week-end trip was time enough for many hours of reminiscing, an afternoon of hunting, a morning of cutting winter firewood across the river back of the barn. While helping Mom with the dishes one evening, we chuckled over the big stirring spoon . . . a full half inch worn off the end, but still in use after some 40 odd years.

FREE ON-THE-FARM ANALYSIS of your cattle feeding operation is now available to all cattle feeders in this area. Choosing the right ration and the right feeding program can often make the difference between profit and loss. A Kent specialist will come right out to the farm and review with you the kind and amount of roughage you have, the kind of cattle, when you expect to market them. And he'll recommend a feeding plan that'll give you the best, lowest cost gains. There's no obligation. See your Kent dealer about this service or write direct to Dr. Charles Lewis, Kent Feeds, Inc., Muscatine, Iowa.

SOMETHING NEW IN 4-H has the boys all steamed up this year. A Junior Cattle Feeders Project puts emphasis on the practical aspects of commercial cattle feeding rather than preparation for the show ring. A five head unit will be "fed for profit." Dave and Pete are both signed up and seriously intend to show their Dad how to make a success of the cattle business. I'm going to insist on some of the credit, however; I've already sold them on the Kent STEER PRO story.

SOWS IN THE STALK FIELDS can bring you more and healthier spring pigs if they have access to a good supplement like Kent 35% PIG AND SOW. Here's a good ration to go with the corn that's left in the field this fall: 800 pounds of ground oats, 800 pounds of alfalfa meal, and 400 pounds of KENT PIG AND SOW. This combination will help keep your sows from getting too fat. And that's a key factor in getting more and healthier pigs.

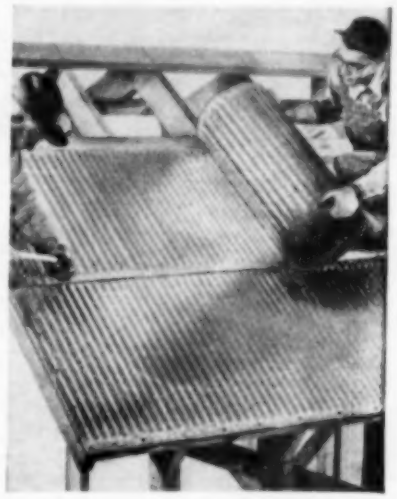
A SPELL OF NOVEMBER WEATHER kept the boys inside a while back and we brought out the cribbage board. It took a couple of evenings for them to catch on to the fifteen-two's, the double runs and the other opportunities for scoring. But now it's hard to tear them away for music lessons. Steve says he ought to get better grades in Arithmetic in school now after all the practice in adding.

SPLIT FLOCK RESULTS to date show Kent "80 Series" Golden Egg Feeds outproducing all competitive feeds an average of 6%. In a flock of 300 pullets, that means an average of some 25 dozen EXTRA EGGS per month . . . and even more as your flock moves into full production. A switch to the new Kent "80 Series" Egg Feeds will bring you the most eggs your flock is capable of producing. (Advertisement)

KENT FEEDS, Muscatine, Iowa—Sioux City, Iowa

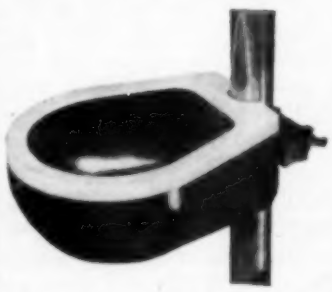
For further information about any of the products shown here, write to Wallaces' Farmer and Iowa Homestead, Des Moines, Iowa.

Portable heater is designed for use in the farm shop, or wherever heat is needed. Can be used to warm truck or tractor engine, thaw frozen pipes, etc. Burns kerosene or fuel oil when plugged into electric outlet. Said to release no fumes. Made by Knipco Division, Knickerbocker Products Co.



Roofing of galvanized steel is made to roll on. Nailing edge is crimped. Sealer is provided for edges. Comes in 31-foot rolls. Said to be easy to apply. Manufactured by Ceco Steel Products Corp.

"Stained glass" window cutout kit depicts the Nativity scene for Christmas decorating. Five colored cellophane cut-outs fit into clear acetate sheet 12" by 22". Big enough to be seen clearly from street or road when taped to window. Complete kit for unique new creation is offered by Leisure Industries.



Salt bowl for cows can be mounted on wall or stanchion. Said to make economical feeding of loose salt. Designed by Morton Salt Co.

Mixer can be mounted on any three-point hitch tractor. Mixes cement, feed, etc. Made by R. L. Frohring Machine Company.

Finish is near for these hogs. And that's true for most of the 1956 spring pig crop. Heaviest receipts are expected this month.

What's Ahead...

HOGS FOR MARKET in the first half of 1957 will be about seven percent below totals for the first half of this year. In the last half of next year, market hogs will be two percent below the totals for the present half-year.

Homer Hush

That's the estimate of a 24-man College Feed Survey Committee sponsored by the American Feed Manufacturer's Association.

The predicted cut in pig production is not enough to justify any farmer in a sow increase for spring pigs. Cut isn't big enough. Better chance for profit lies in good care and feeding of pigs from the regular number of sows.

BIG RUNS of feeder cattle compared to last year are about over. In the week of October 25, cattle received at 10 markets were below a year before for the first time this fall. But feeder calf runs are still above a year before and can be expected to continue higher for most of this month.

Cattle on feed January 1 will be higher than a year before, perhaps by a good margin. Many cattle and calves moved to farms in the very heavy fall movement are just going on feed now.

SHEEP AND LAMBS moving to farms July thru September were 21 percent above a year before. In September alone, movement was up 42 percent. There was no such increase in the lamb crop, however, so much of this movement was from one feeding area to another. Wheat pastures to corn growing areas, for instance.

Lamb feeders can expect slightly more fat lambs on market in months ahead than a year before. And receipts may be uneven—very heavy at times.

OATS SUPPLIES are down. On October 1, oats in all positions were at the lowest point since 1947. Oats prices this season will stay nearer corn prices than they did last season. But don't expect oats prices to go much above 60 percent of the price of corn. That would be 75-cent oats and $1.25 corn. Above that ratio, corn is cheaper to feed in nearly all cases.

COW SLAUGHTER this year so far has not been much higher than for a year before. So cattlemen will still have big cow herds next spring, and feeders can expect another big calf crop next year.

TOTAL SUPPLY of the four feed grains for the 1956-1957 feeding season is estimated at 152 million tons, compared to 123 million tons actually fed last season. The surplus will be held about steady.

Protein feed supplies are about 10 percent larger than consumption last season. A surplus of oil seeds may be built up.

NEW

GALLIMYCIN®

POULTRY FORMULA

protects profits... boosts feed conversion...

helps keep sick birds on feed and water

New GALLIMYCIN Poultry Formula helps maintain weight gains in broilers and keep egg-production high in laying flocks . . . even when CRD or Blue Comb strikes! This superior new disease fighter helps keep sick birds from slowing down . . . keeps broilers gaining and hens laying . . . increases water consumption in a matter of hours and quickly boosts feed consumption.

New Specific-Type Antibiotic

GALLIMYCIN differs from the commonly used wide range antibiotics. It searches out and uses its full power against specific types of infectious organisms without harming helpful organisms necessary for health and growth. Among the organisms which GALLIMYCIN is most effective in controlling are those associated with Chronic Respiratory Disease (air sac) and Blue Comb (mud fever, nonspecific enteritis).

Doesn't Upset Intestinal Balance

When GALLIMYCIN is used, there's no fear of harming useful intestinal organisms necessary for good health and maximum growth or production. Thus fungus infections and forms of enteritis sometimes seen following treatment with other commonly used antibiotics are not a problem when GALLIMYCIN is used.

No Expensive Vitamins Needed!

GALLIMYCIN saves you money in another way. You don't need to add extra and *expensive* B-Complex vitamins to your rations because it doesn't interfere with vitamin production in the intestinal tract. When you use GALLIMYCIN, your birds continue to get the vitamins they need from their regular feeds or supplements.

Protected Against Acid Action

Some antibiotics when given in feed or water may be partially destroyed by strong intestinal acids before they have a chance to go to work. GALLIMYCIN is not affected by this acid action—all of it is readily absorbed into the blood to fight disease.

GALLIMYCIN Is More Effective

At the University of California, GALLIMYCIN controlled tracheal infections more effectively than certain wide range antibiotics of the tetracycline group. Other studies also show GALLIMYCIN *500 to 1000* times more active against five separate strains of infectious organisms associated with CRD!

So, next time CRD or Blue Comb strikes your flock, get GALLIMYCIN!

Where to get GALLIMYCIN

Dealers in most areas have already received supplies of new GALLIMYCIN —in ½, 1 and 5 lb. packages. Other areas are being supplied as quickly as possible. If your veterinarian, drug store or dealer doesn't have GALLIMYCIN, ask him to write Veterinary Division, Abbott Laboratories, North Chicago, Illinois.

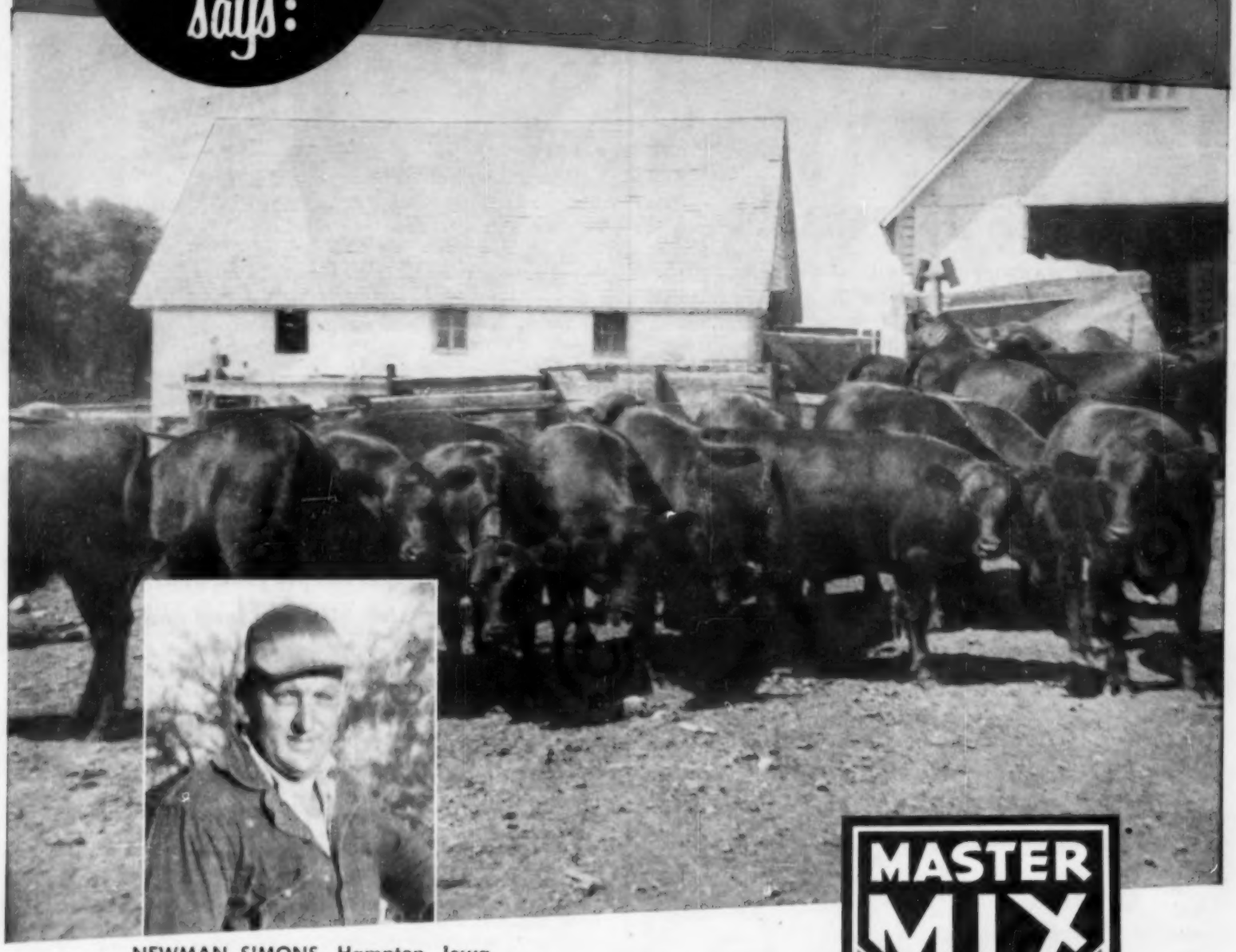
Abbott

ABBOTT LABORATORIES

Veterinary Division • North Chicago, Illinois

Iowa Cattleman says:

"My steers gained over 3 lbs. per head daily on less than 2 pounds of MASTER MIX!"



NEWMAN SIMONS, Hampton, Iowa

Newman Simons put 20 Angus steers on feed July 25 and sold them August 31. They weighed 776 lbs. the day they went into the feed lot and made an average gain of 3.11 lbs. on Master Mix 32% Beef Concentrate (with Stilbestrol) and corn cob meal. He fed less than 2 lbs. of concentrate per steer per day!

Mr. Simons reports: "My feed cost for Master Mix 32% Beef Concentrate with Stilbestrol was about $2.25 per steer. Adding to this the cost of my corn cob meal, I got better than 100 lbs. of gain on each steer for a remarkably low feeding cost!"

MASTER MIX FEEDS

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